

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
 Data File : BN018127.D
 Acq On : 20 Dec 2021 18:04
 Operator : CG/JU
 Sample : M5137-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-G-115-140-121621

Quant Time: Dec 20 18:44:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 20 14:16:44 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23180	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	94472	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	58840	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	107558	0.400	ng	0.00
29) Chrysene-d12	21.227	240	82215	0.400	ng	0.00
35) Perylene-d12	23.481	264	54780	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	7112	0.142	ng	0.02
5) Phenol-d6	6.868	99	4181	0.083	ng	0.02
8) Nitrobenzene-d5	8.810	82	20525	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	44796	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	7328	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	68844	0.336	ng	0.00
27) Fluoranthene-d10	19.068	212	122360	0.341	ng	0.00
31) Terphenyl-d14	19.674	244	103737	0.605	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	49458m	3.424	ng	
25) Phenanthrene	17.078	178	10767	0.039	ng	96
30) Pyrene	19.460	202	5681	0.021	ng	99
34) Bis(2-ethylhexyl)phtha...	21.153	149	111220	0.916	ng	100

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

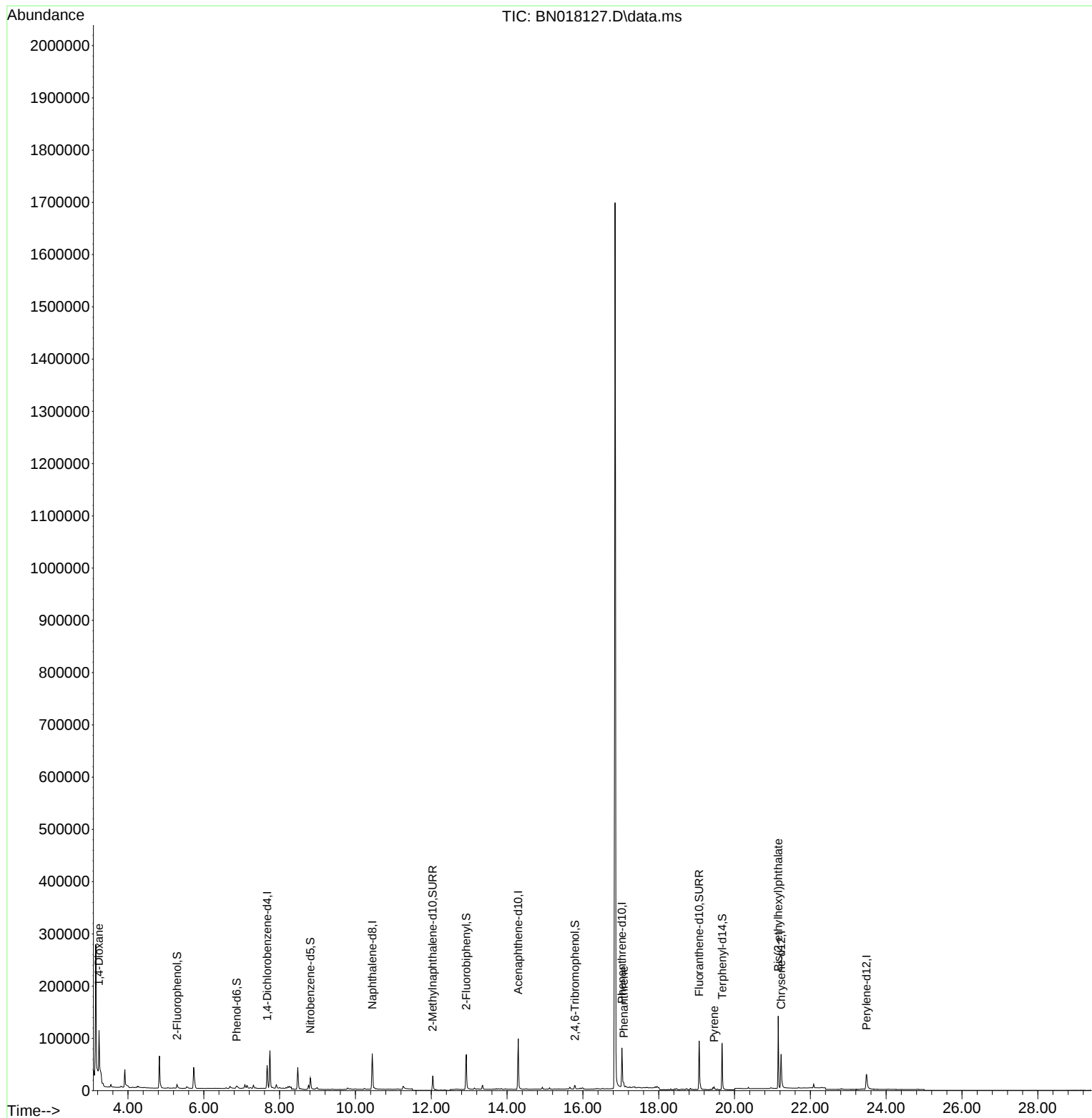
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018127.D
Acq On : 20 Dec 2021 18:04
Operator : CG/JU
Sample : M5137-01
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Instrument :
BNA_N
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GWBR3D-G-115-140-121621

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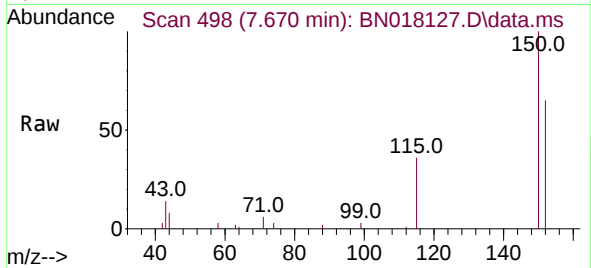
Quant Time: Dec 20 18:44:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

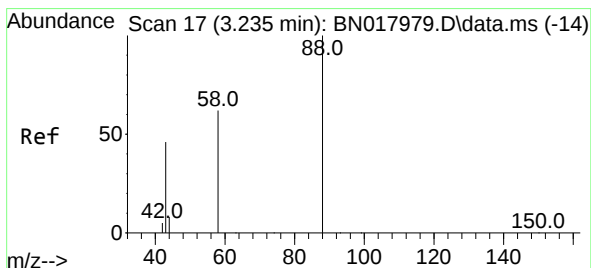
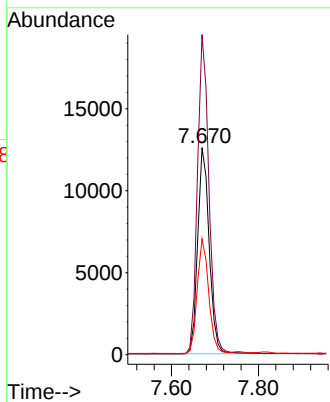
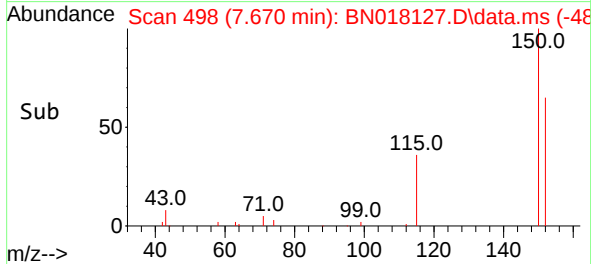
Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621



Tgt Ion: 152 Resp: 23180
Ion Ratio Lower Upper
152 100
150 154.6 121.7 182.5
115 55.9 43.8 65.8

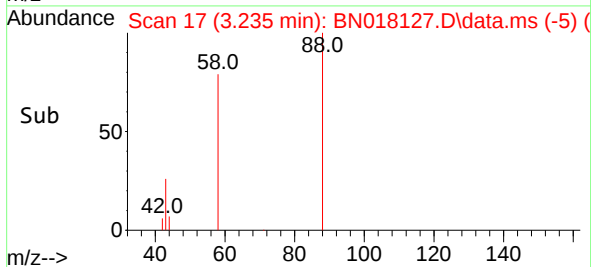
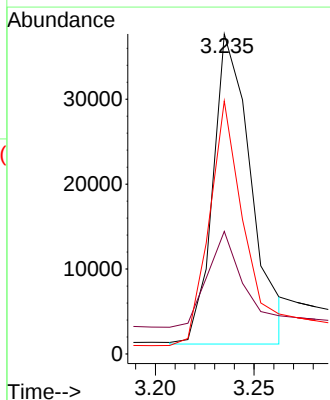
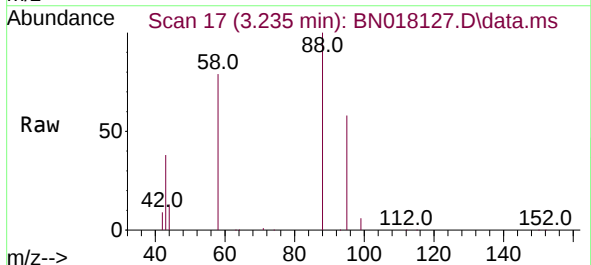
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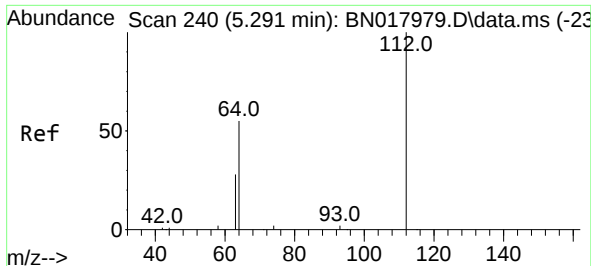
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#2
1,4-Dioxane
Concen: 3.424 ng m
RT: 3.235 min Scan# 17
Delta R.T. 0.009 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

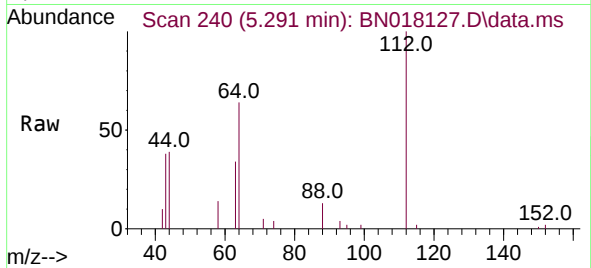
Tgt Ion: 88 Resp: 49458
Ion Ratio Lower Upper
88 100
43 27.5 69.7 104.5#
58 68.9 83.8 125.8#





#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.018 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

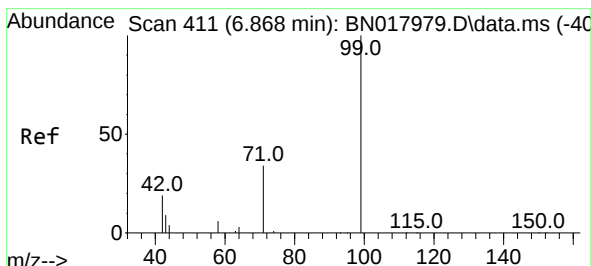
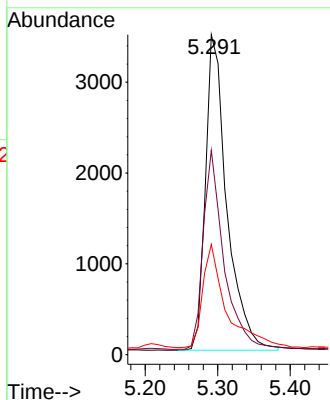
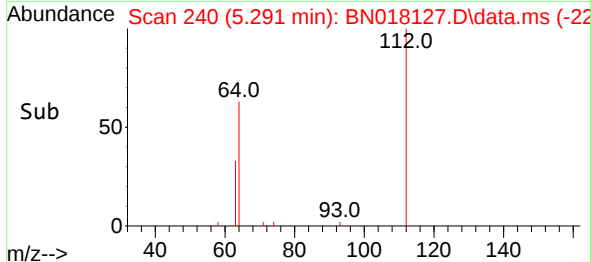
Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621



Tgt Ion: 112 Resp: 711
Ion Ratio Lower Upper
112 100
64 61.0 48.0 72.0
63 35.6 25.3 37.9

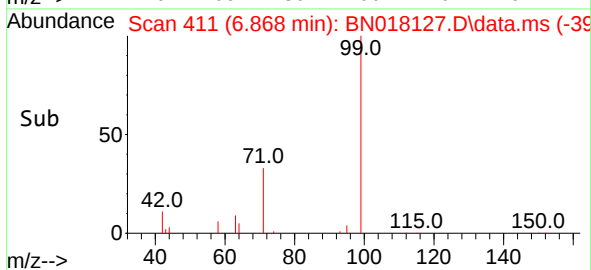
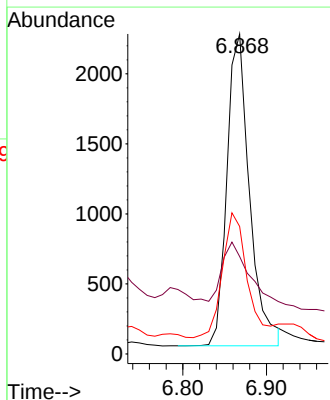
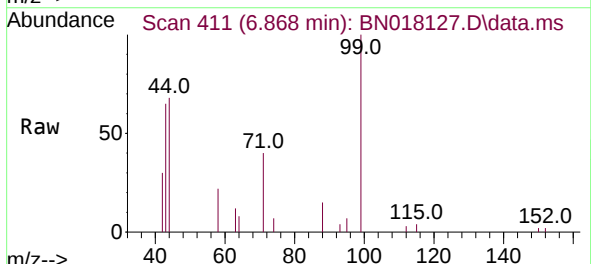
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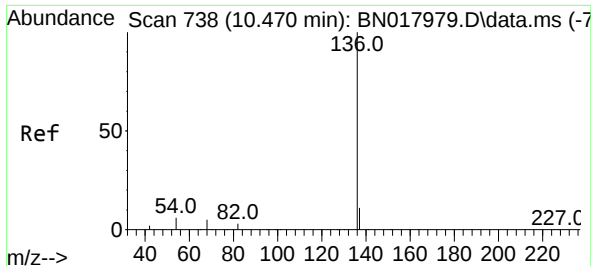
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.018 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion: 99 Resp: 4181
Ion Ratio Lower Upper
99 100
42 20.9 16.3 24.5
71 43.5 26.8 40.2#





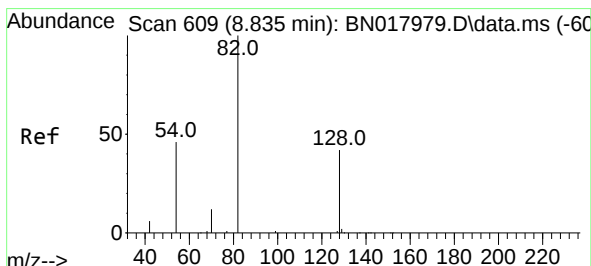
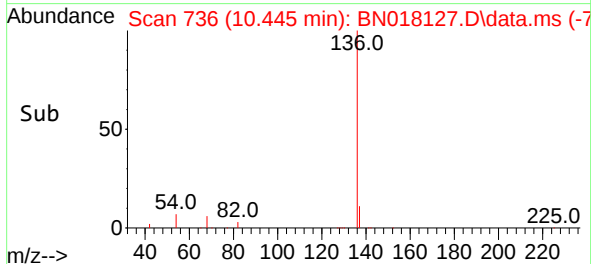
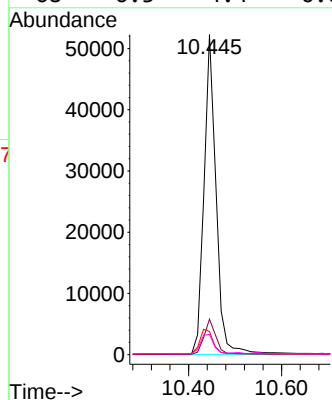
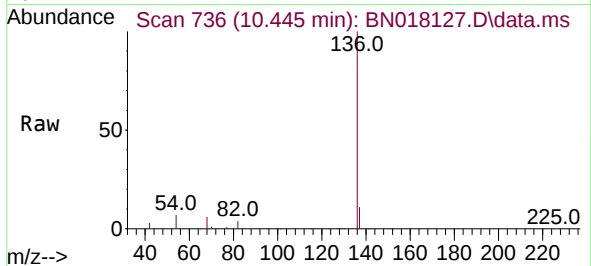
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621

Tgt Ion:	136	Resp:	9447
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.2	5.0	7.6
68	6.3	4.4	6.6

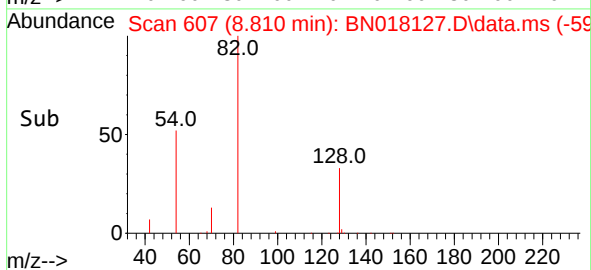
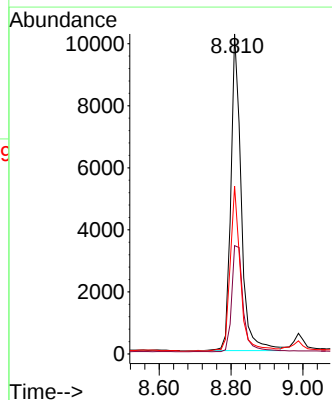
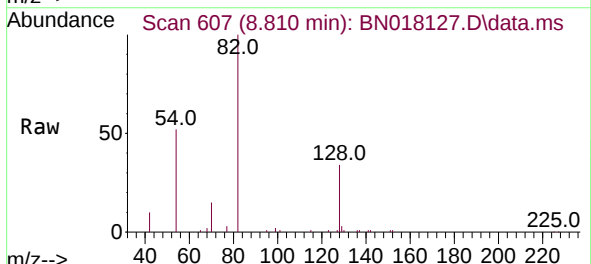
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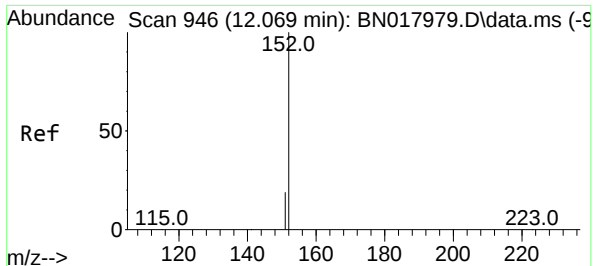
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.810 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

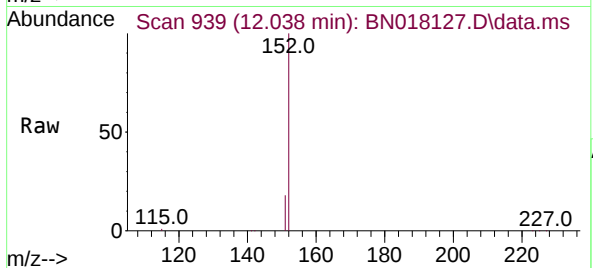
Tgt Ion:	82	Resp:	20525
Ion Ratio	Lower	Upper	
82	100		
128	33.9	33.7	50.5
54	52.4	36.6	55.0





#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.038 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

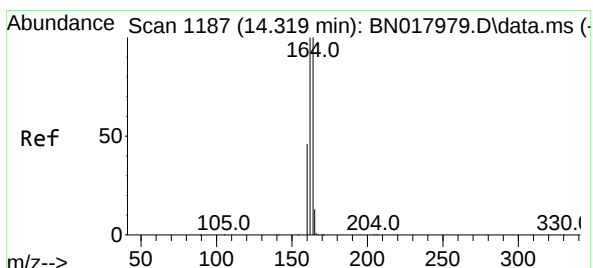
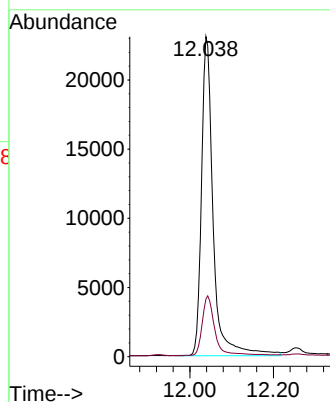
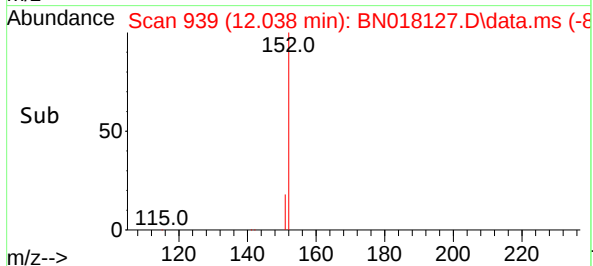
Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621



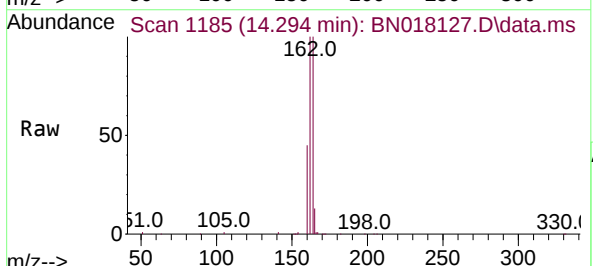
Tgt Ion:152 Resp: 44790
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2

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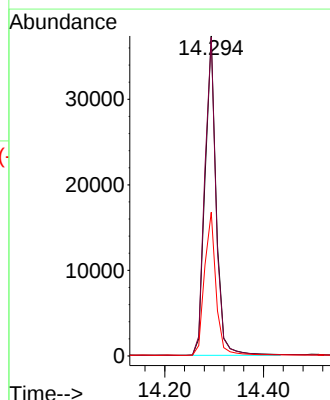
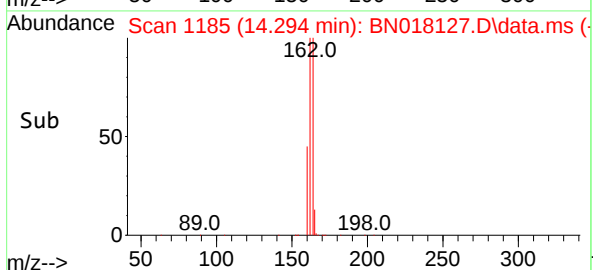
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

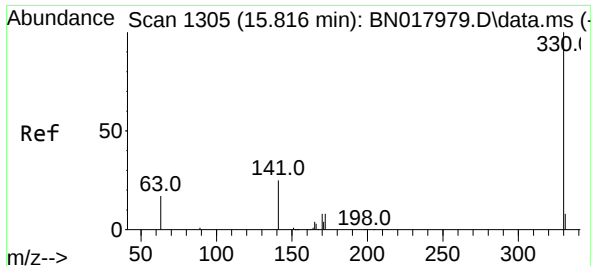


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04



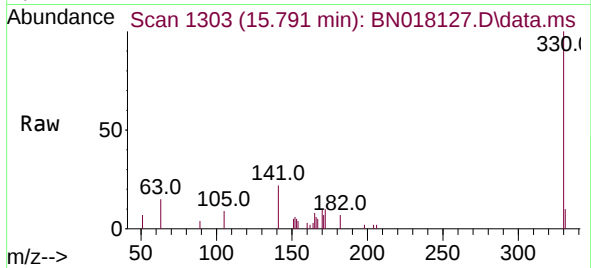
Tgt Ion:164 Resp: 58840
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.2
160 44.9 36.9 55.3





#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

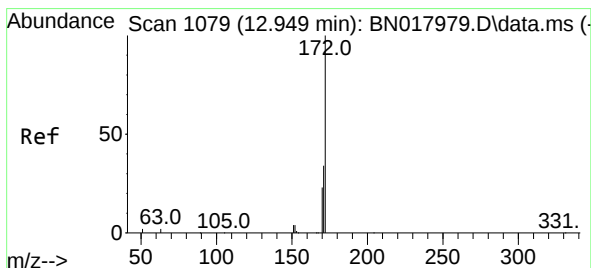
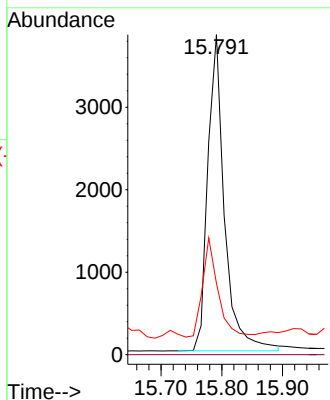
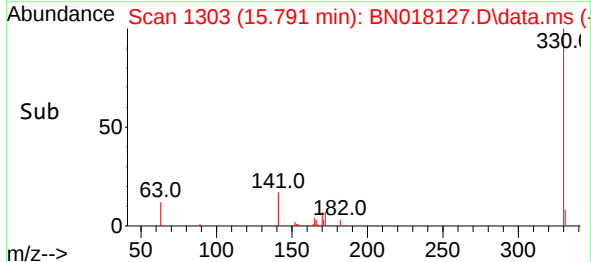
Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621



Tgt Ion:330 Resp: 7328
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.1 21.3 31.9

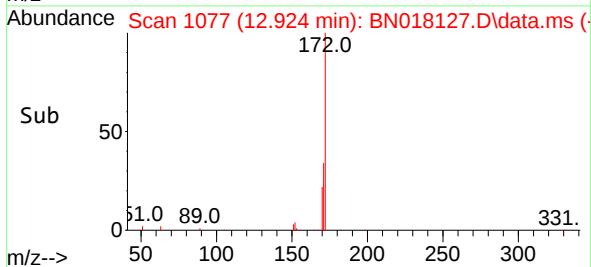
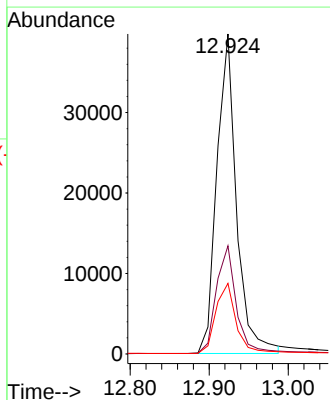
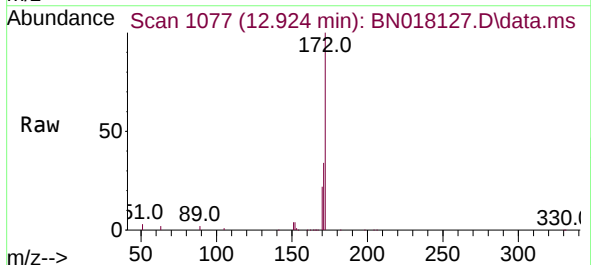
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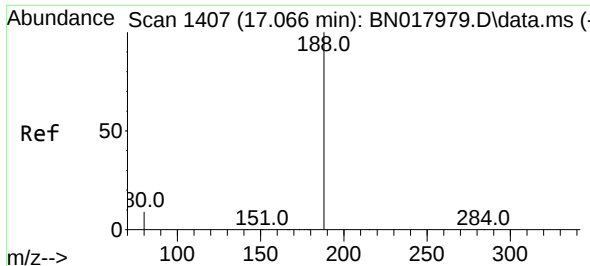
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion:172 Resp: 68844
Ion Ratio Lower Upper
172 100
171 33.8 27.4 41.0
170 22.1 18.4 27.6





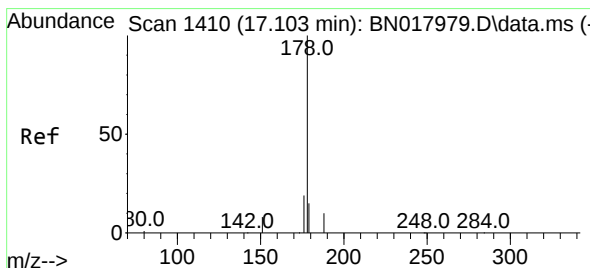
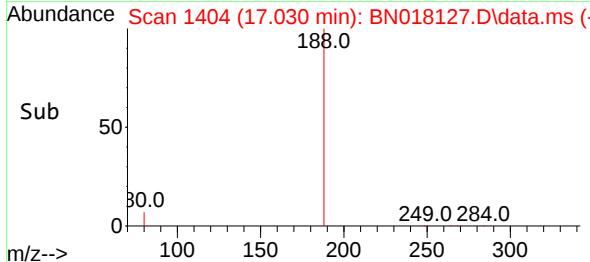
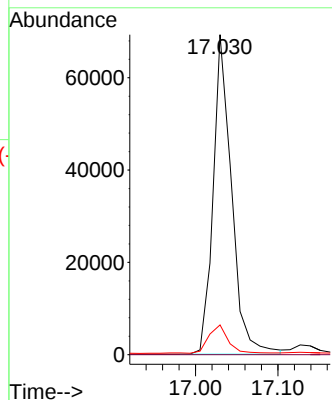
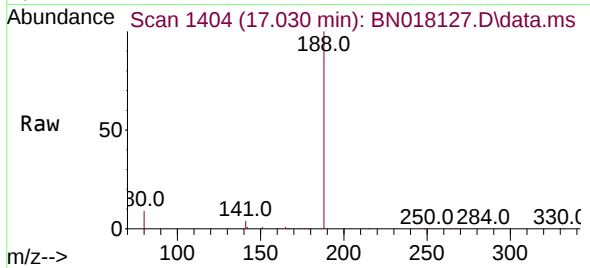
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621

Tgt Ion:188 Resp: 107558
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.0 10.4

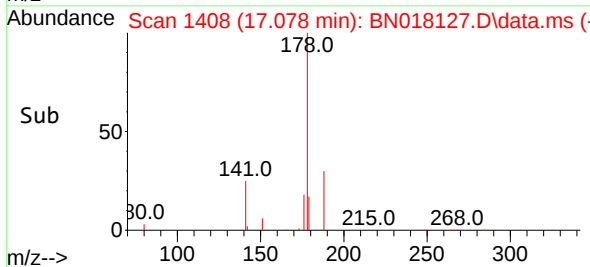
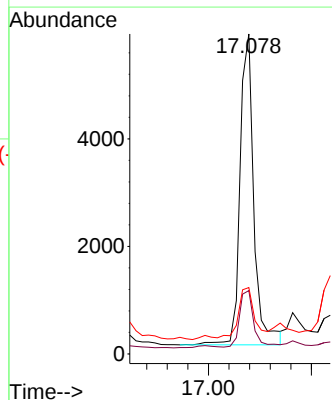
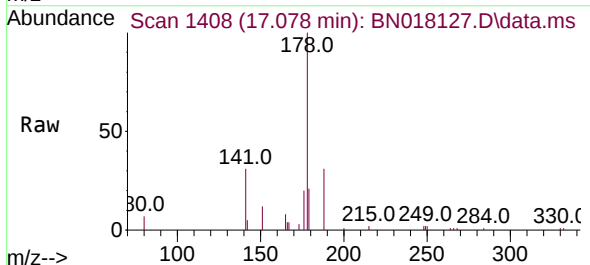
Manual Integrations
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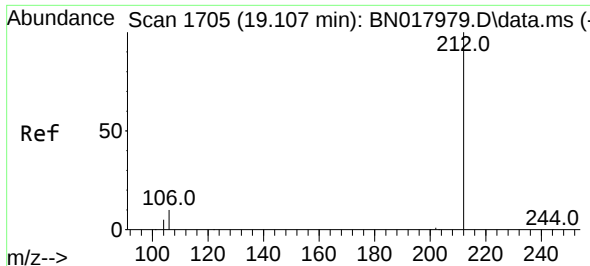
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#25
Phenanthrene
Concen: 0.039 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

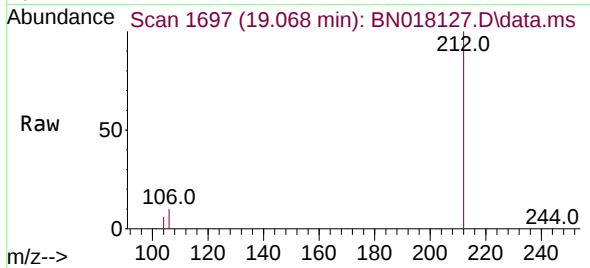
Tgt Ion:178 Resp: 10767
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 18.4 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.068 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

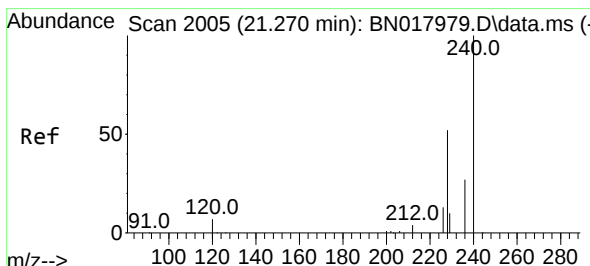
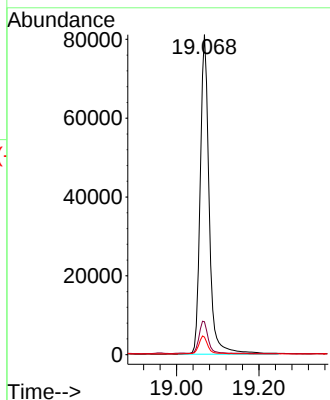
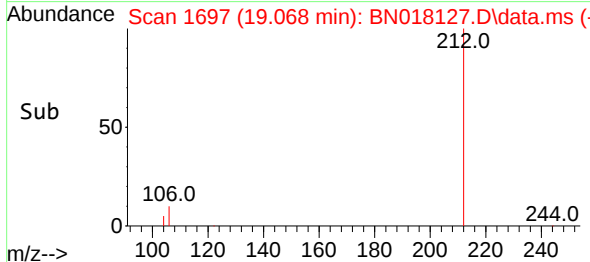
Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621



Tgt Ion:212 Resp: 122360
Ion Ratio Lower Upper
212 100
106 9.9 8.4 12.6
104 5.7 4.5 6.7

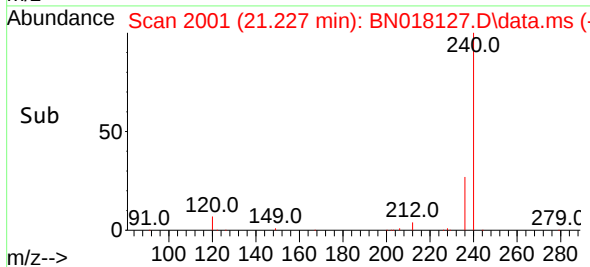
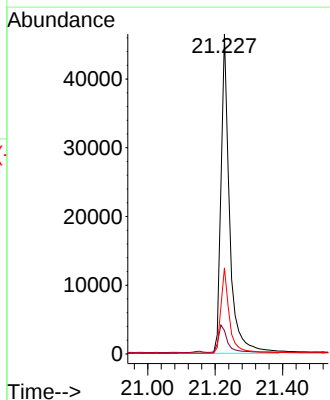
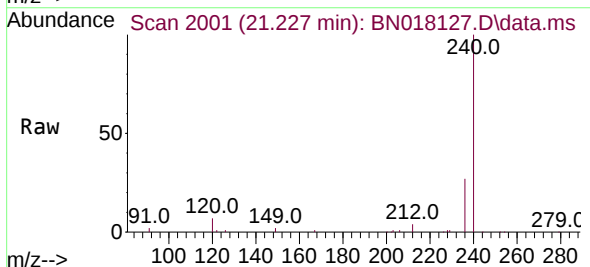
Manual Integrations
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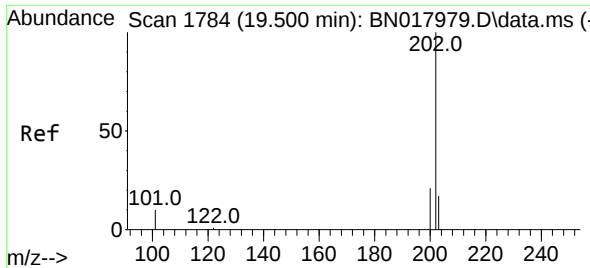
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion:240 Resp: 82215
Ion Ratio Lower Upper
240 100
120 7.3 6.0 9.0
236 26.9 21.4 32.2





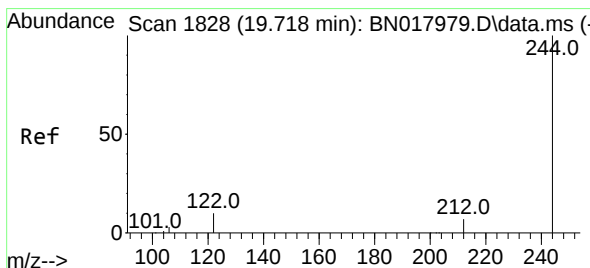
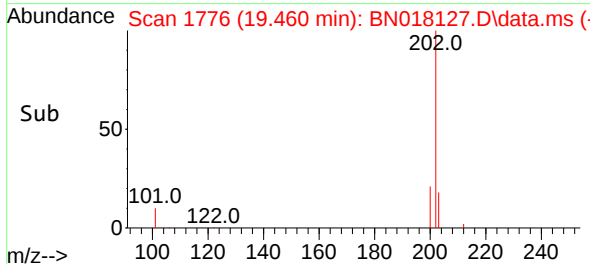
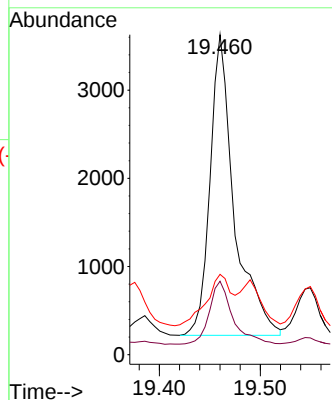
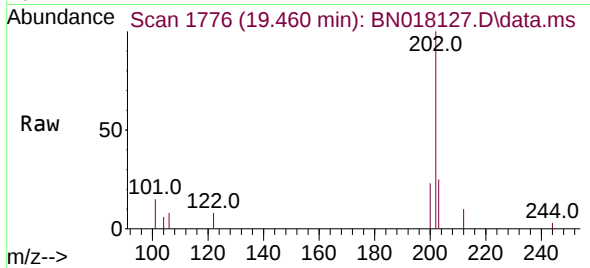
#30
Pyrene
Concen: 0.021 ng
RT: 19.460 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Instrument :
BNA_N
ClientSampleId :
GWR3D-G-115-140-121621

Tgt Ion:202 Resp: 568
Ion Ratio Lower Upper
202 100
200 20.2 16.6 25.0
203 17.7 14.1 21.1

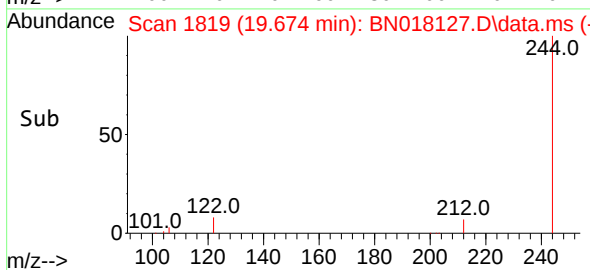
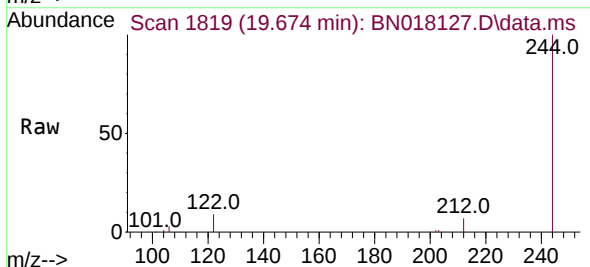
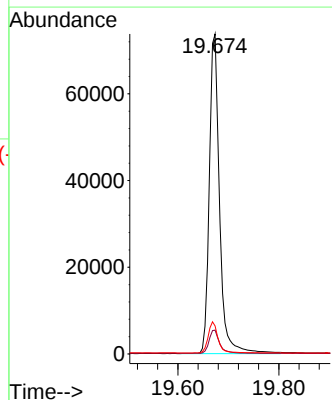
Manual Integrations
APPROVED

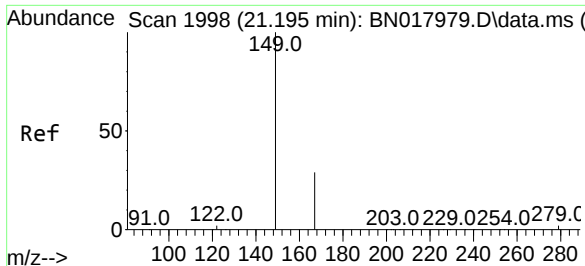
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#31
Terphenyl-d14
Concen: 0.605 ng
RT: 19.674 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

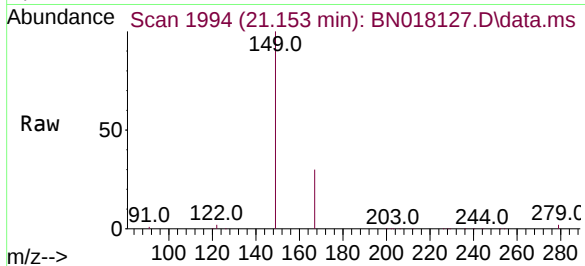
Tgt Ion:244 Resp: 103737
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 8.8 7.9 11.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.916 ng
RT: 21.153 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

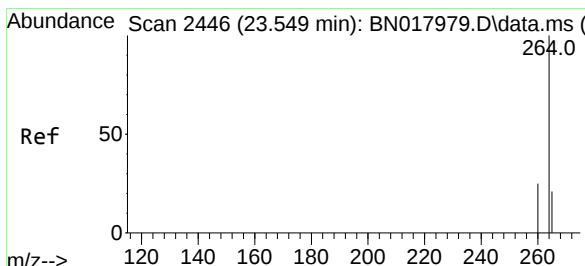
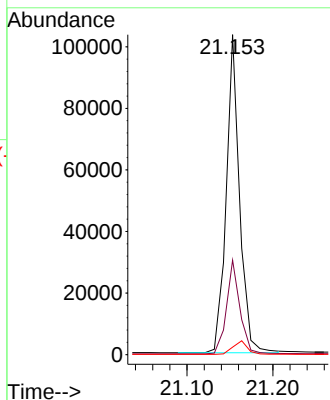
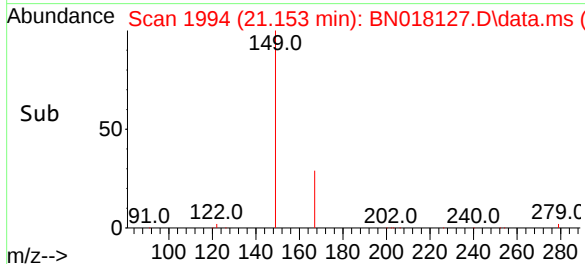
Instrument :
BNA_N
ClientSampleId :
GWB3D-G-115-140-121621



Tgt Ion:149 Resp: 111220
Ion Ratio Lower Upper
149 100
167 29.5 23.7 35.5
279 4.6 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. 0.007 min
Lab File: BN018127.D
Acq: 20 Dec 2021 18:04

Tgt Ion:264 Resp: 54780
Ion Ratio Lower Upper
264 100
260 25.3 20.2 30.4
265 26.5 18.2 27.2

