

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
 Data File : BN024744.D
 Acq On : 04 Apr 2023 01:16
 Operator : CG/JU
 Sample : 02101-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-85-90-032423

Quant Time: Apr 04 03:59:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 03:11:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/04/2023
 Supervised By : Jagrut Upadhyay 04/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	8849	0.400	ng	0.00
7) Naphthalene-d8	10.802	136	25508	0.400	ng	0.00
13) Acenaphthene-d10	14.622	164	13409	0.400	ng	-0.01
19) Phenanthrene-d10	17.376	188	28446	0.400	ng	0.00
29) Chrysene-d12	21.565	240	18459	0.400	ng	0.00
35) Perylene-d12	24.033	264	13889	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.541	112	4135	0.205	ng	0.00
5) Phenol-d6	7.152	99	3339	0.132	ng	0.00
8) Nitrobenzene-d5	9.158	82	7881m	0.396	ng	0.00
11) 2-Methylnaphthalene-d10	12.388	152	13590	0.416	ng	0.00
14) 2,4,6-Tribromophenol	16.122	330	2721	0.471	ng	0.00
15) 2-Fluorobiphenyl	13.254	172	21208	0.405	ng	0.00
27) Fluoranthene-d10	19.404	212	28497	0.473	ng	0.00
31) Terphenyl-d14	19.994	244	30374	0.569	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	647	0.071	ng	# 25
25) Phenanthrene	17.413	178	4148	0.050	ng	97
28) Fluoranthene	19.433	202	3343	0.038	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.458	149	12220	0.461	ng	100

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

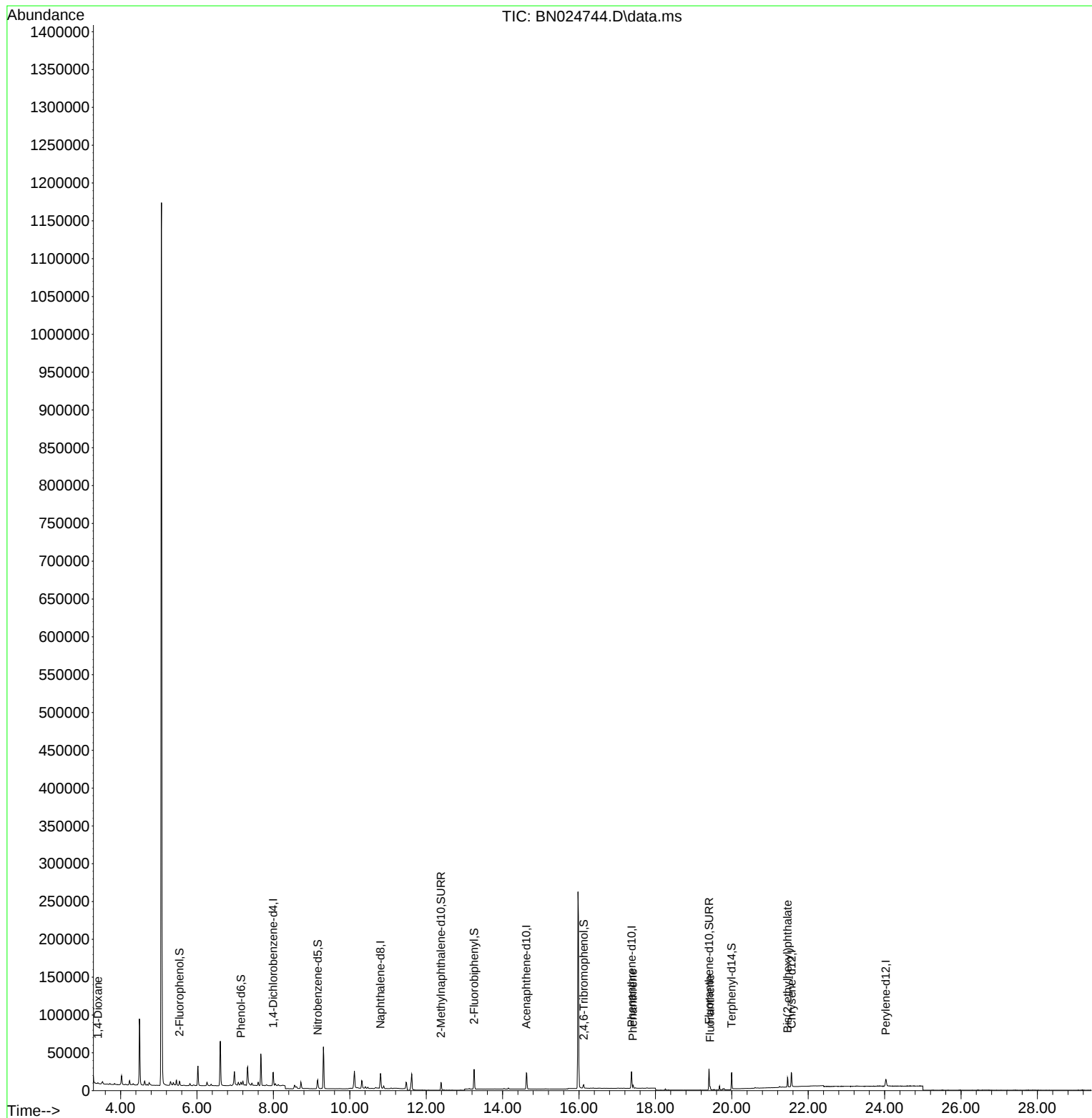
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024744.D
Acq On : 04 Apr 2023 01:16
Operator : CG/JU
Sample : 02101-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

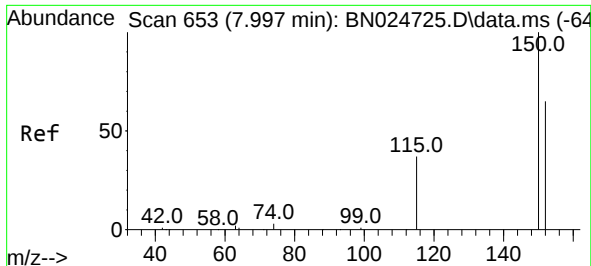
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423

Quant Time: Apr 04 03:59:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 03:11:39 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

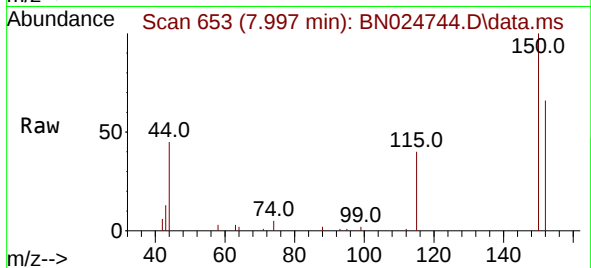
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.997 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024744.D
 Acq: 04 Apr 2023 01:16

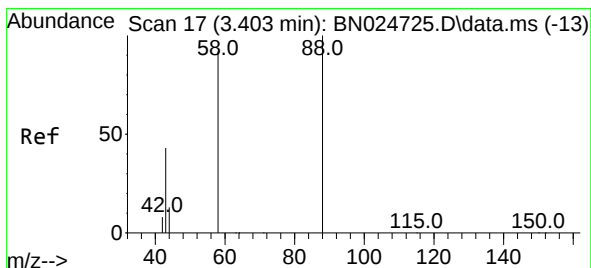
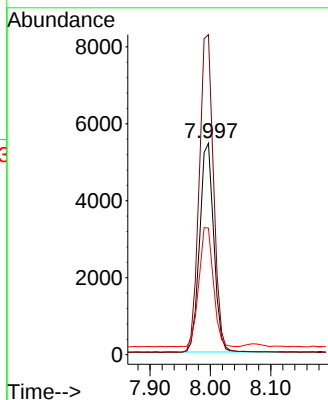
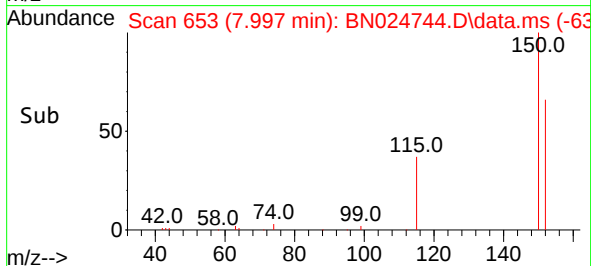
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-85-90-032423



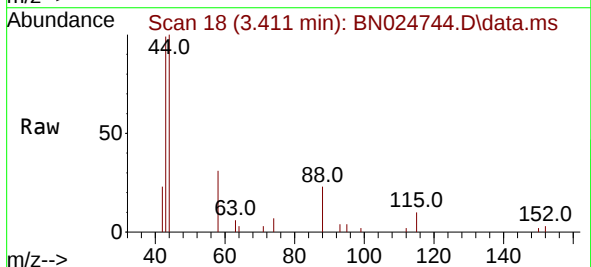
Tgt Ion: 152 Resp: 8849
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.0 184.4
 115 59.9 48.7 73.1

Manual Integrations
 APPROVED

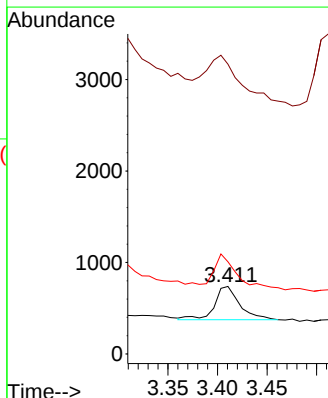
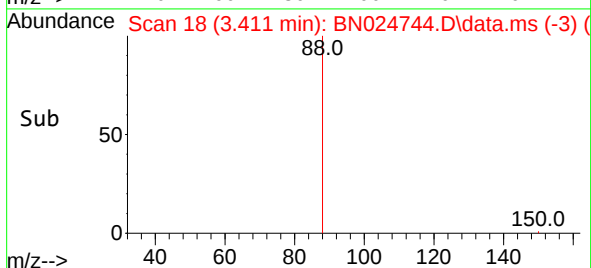
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/04/2023

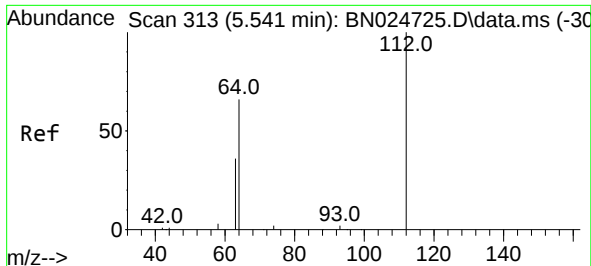


#2
 1,4-Dioxane
 Concen: 0.071 ng
 RT: 3.411 min Scan# 18
 Delta R.T. 0.007 min
 Lab File: BN024744.D
 Acq: 04 Apr 2023 01:16



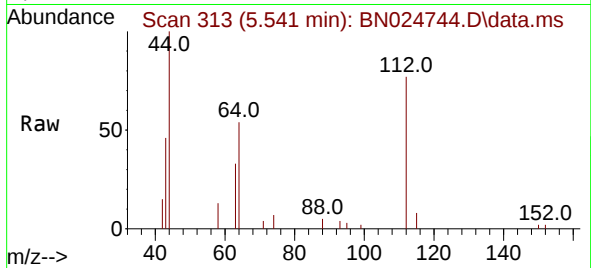
Tgt Ion: 88 Resp: 647
 Ion Ratio Lower Upper
 88 100
 43 179.4 32.8 49.2#
 58 83.0 73.0 109.6





#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.541 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

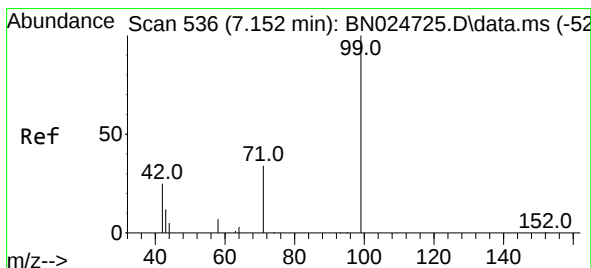
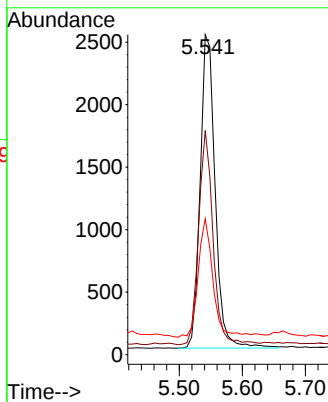
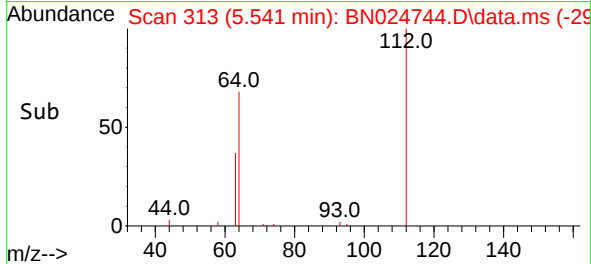
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423



Tgt Ion: 112 Resp: 413
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 37.8 28.7 43.1

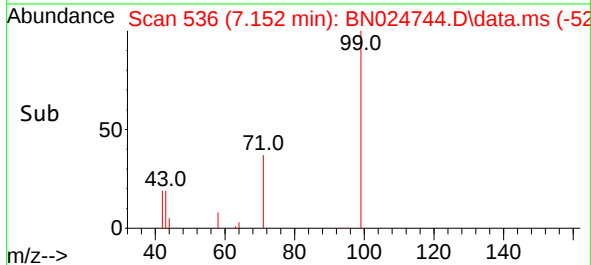
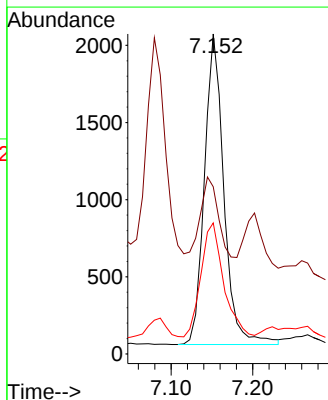
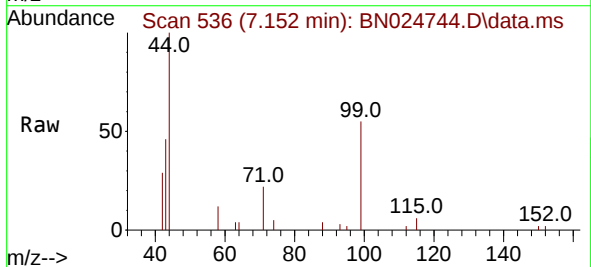
Manual Integrations
APPROVED

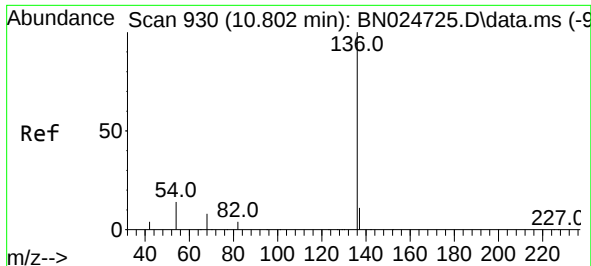
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#5
Phenol-d6
Concen: 0.132 ng
RT: 7.152 min Scan# 536
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

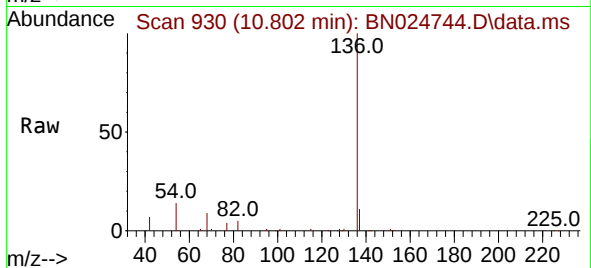
Tgt Ion: 99 Resp: 3339
Ion Ratio Lower Upper
99 100
42 26.1 23.7 35.5
71 42.6 28.2 42.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.802 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

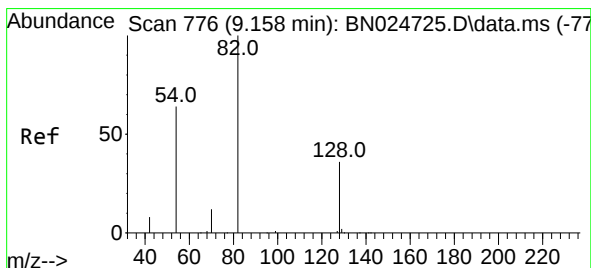
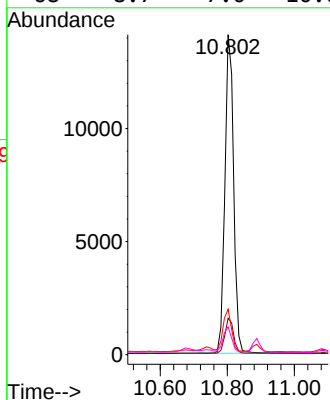
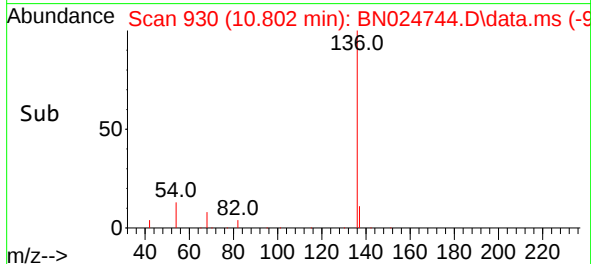
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	14.2	11.4	17.0
68	8.7	7.0	10.6

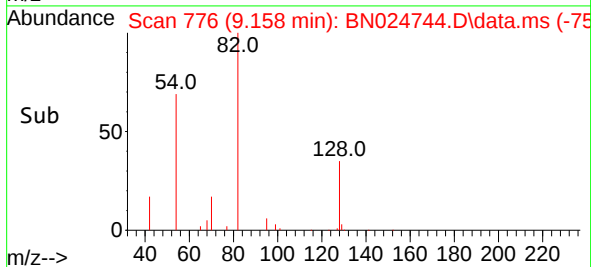
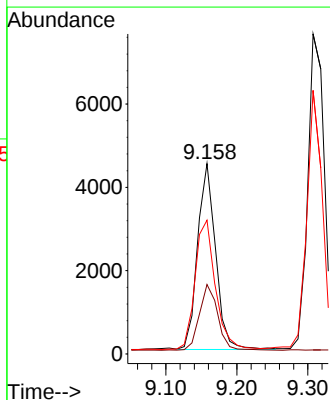
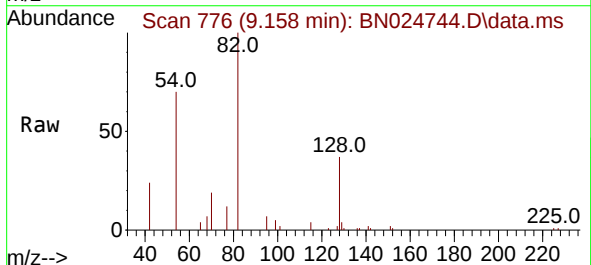
Manual Integrations
APPROVED

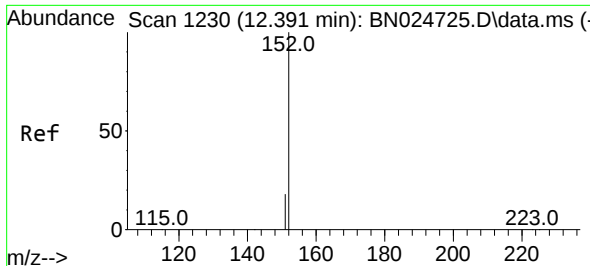
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#8
Nitrobenzene-d5
Concen: 0.396 ng m
RT: 9.158 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

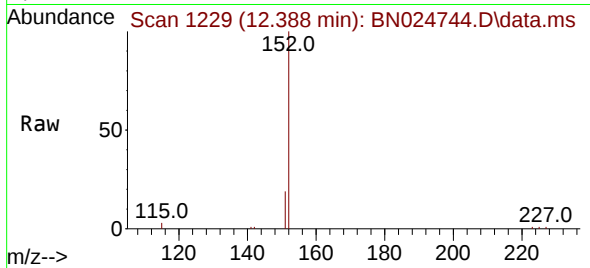
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.4	44.2
54	70.3	51.3	76.9





#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.388 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

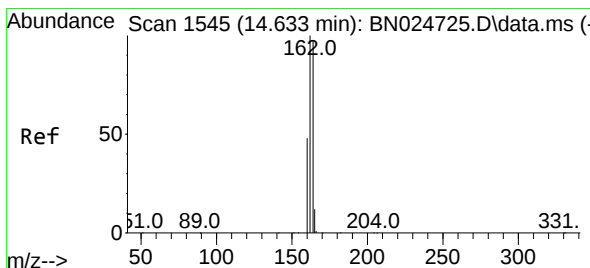
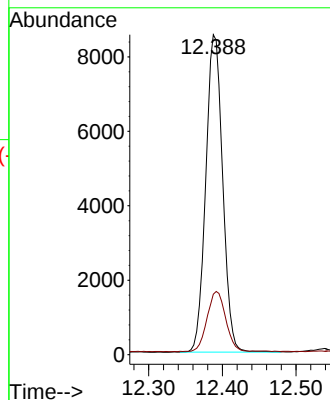
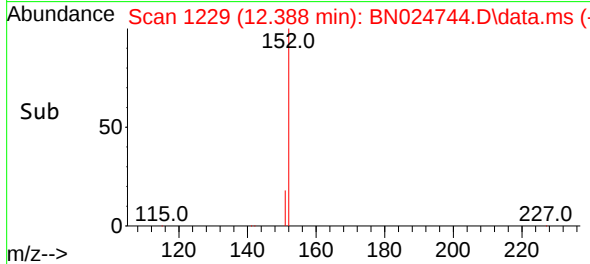
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423



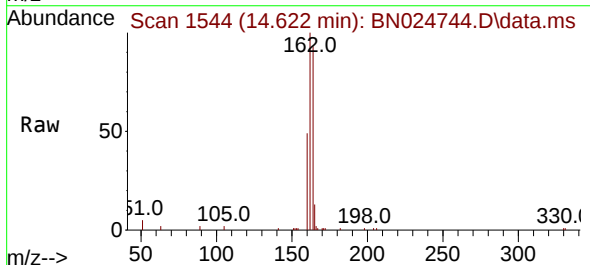
Tgt Ion:152 Resp: 13590
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0

Manual Integrations
APPROVED

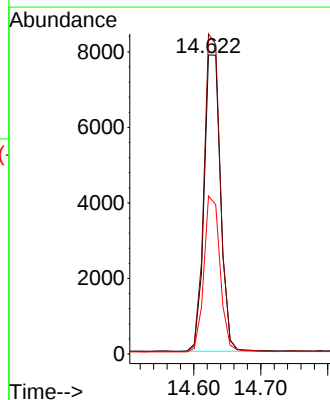
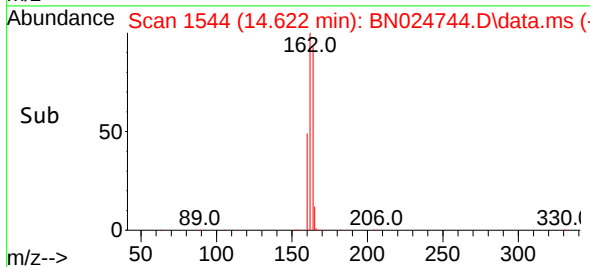
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

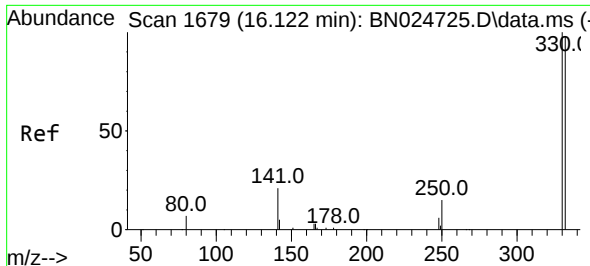


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.622 min Scan# 1544
Delta R.T. -0.011 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16



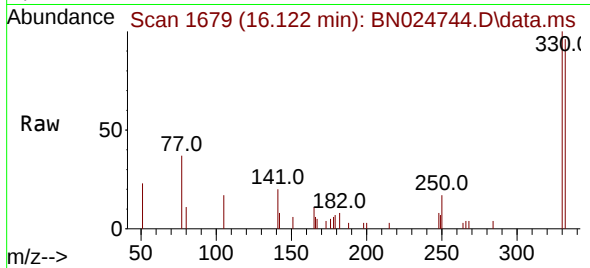
Tgt Ion:164 Resp: 13409
Ion Ratio Lower Upper
164 100
162 107.0 82.2 123.4
160 52.8 39.4 59.0





#14
2,4,6-Tribromophenol
Concen: 0.471 ng
RT: 16.122 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

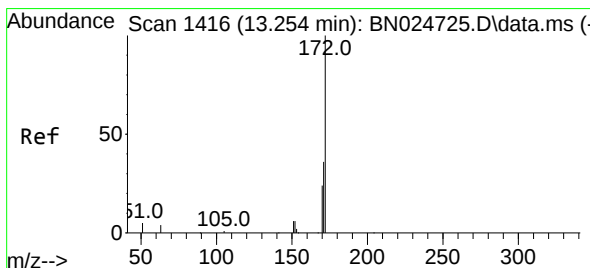
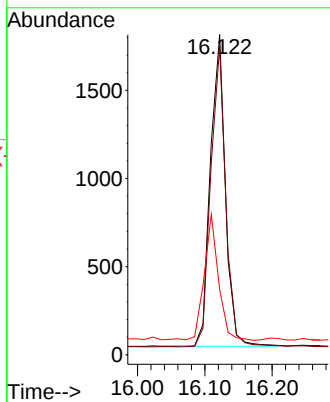
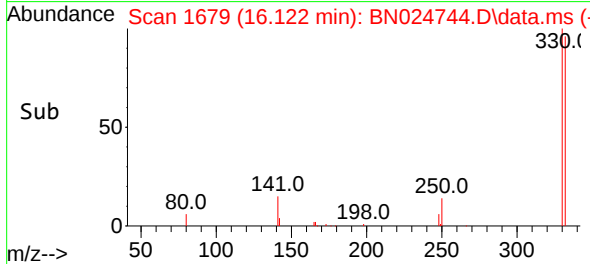
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423



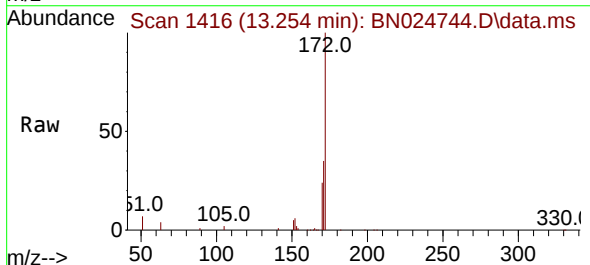
Tgt Ion: 330 Resp: 272
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 38.8 29.6 44.4

Manual Integrations
APPROVED

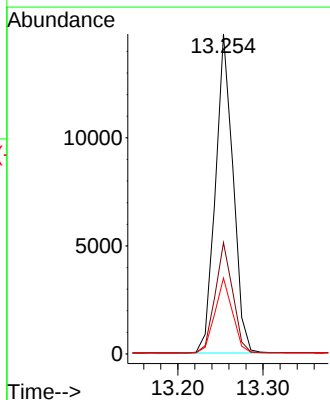
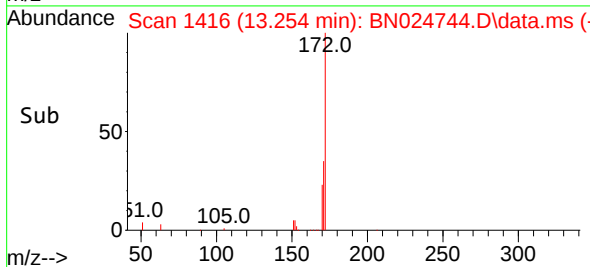
Reviewed By : Christian Giraldo 04/04/2023
Supervised By : Jagrut Upadhyay 04/04/2023

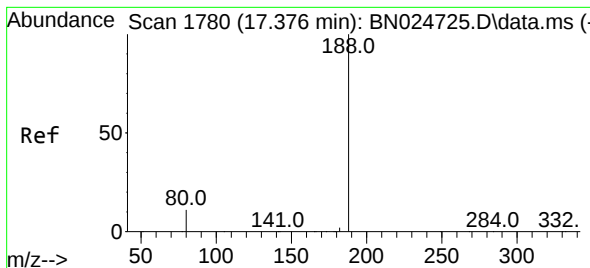


#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.254 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16



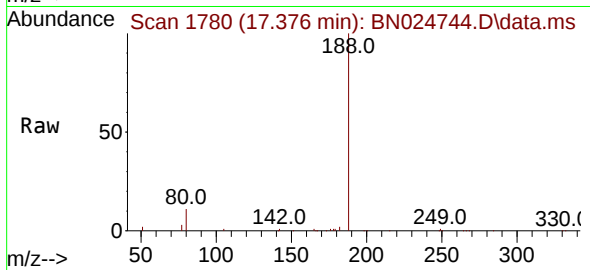
Tgt Ion: 172 Resp: 21208
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.7 19.5 29.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.376 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

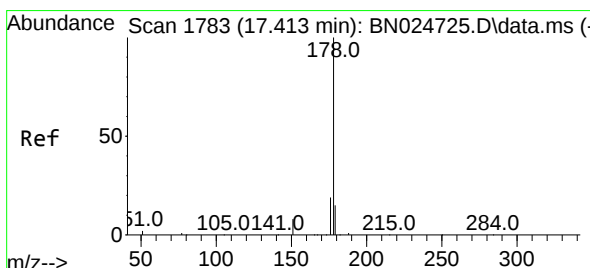
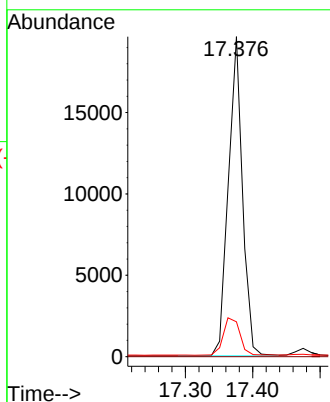
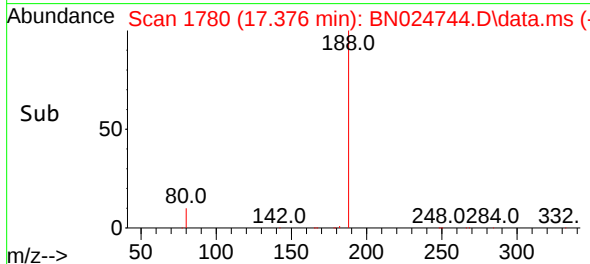
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423



Tgt Ion:188 Resp: 28440
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 9.2 13.8

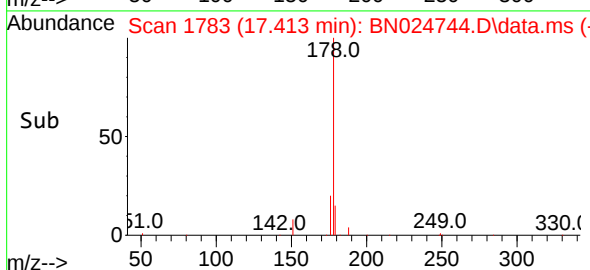
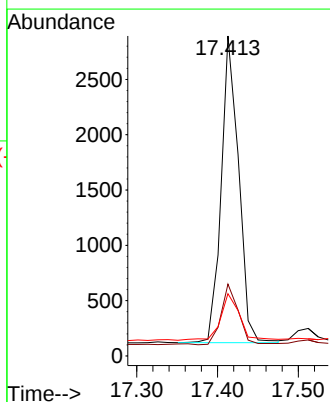
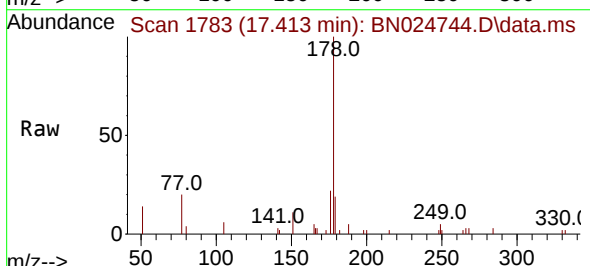
Manual Integrations
APPROVED

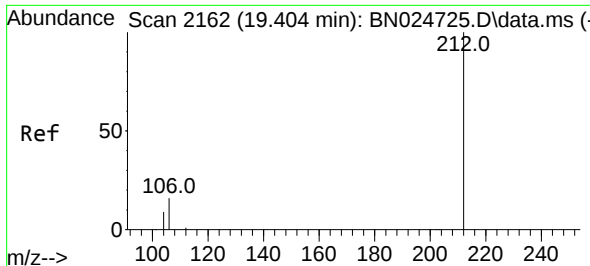
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#25
Phenanthrene
Concen: 0.050 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

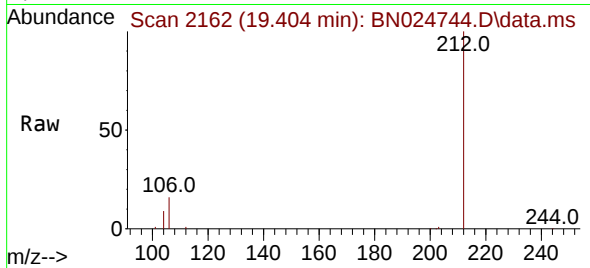
Tgt Ion:178 Resp: 4148
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 17.4 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.404 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

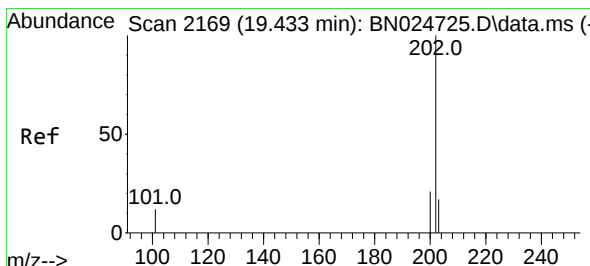
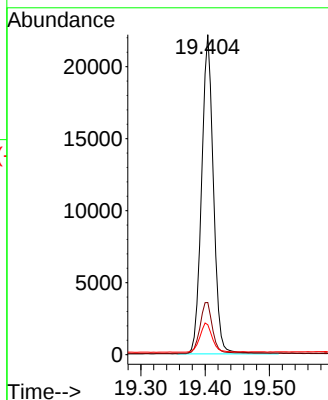
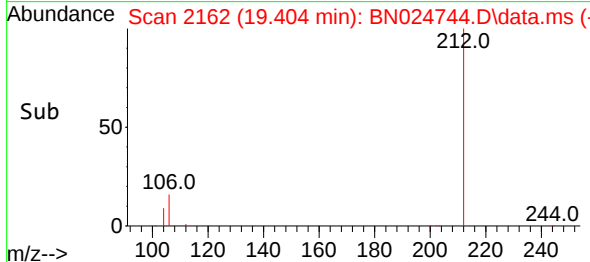
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423



Tgt Ion:212 Resp: 2849
Ion Ratio Lower Upper
212 100
106 16.7 13.0 19.4
104 9.5 7.4 11.0

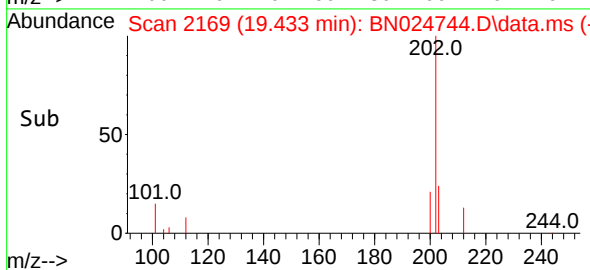
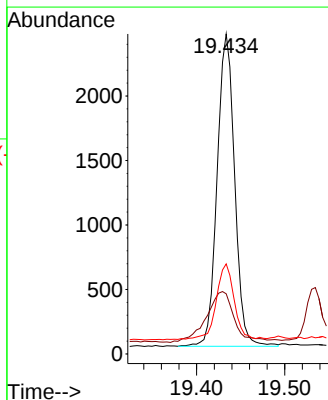
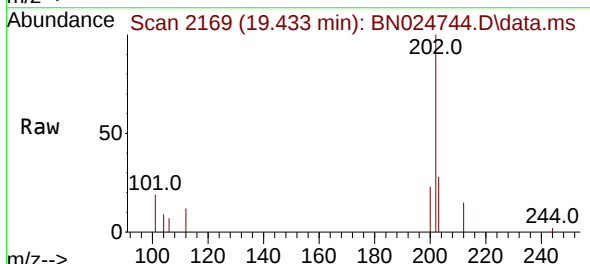
Manual Integrations
APPROVED

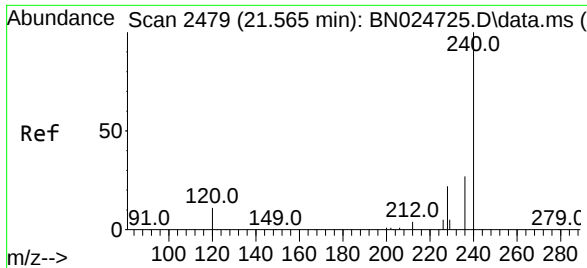
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#28
Fluoranthene
Concen: 0.038 ng
RT: 19.433 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

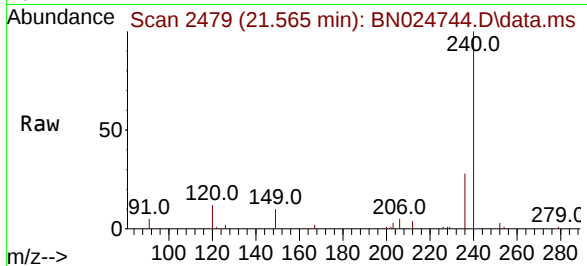
Tgt Ion:202 Resp: 3343
Ion Ratio Lower Upper
202 100
101 26.1 10.1 15.1#
203 24.5 13.6 20.4#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.565 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

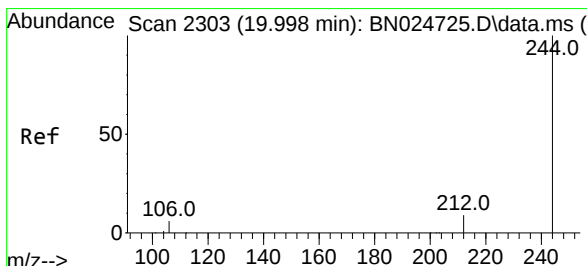
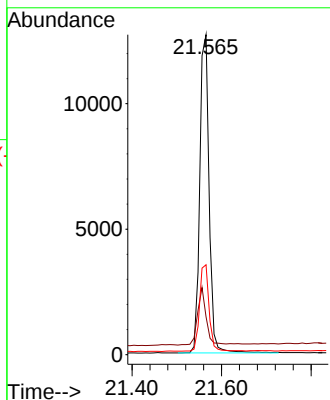
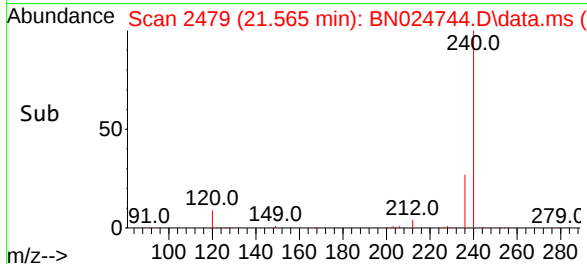
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423



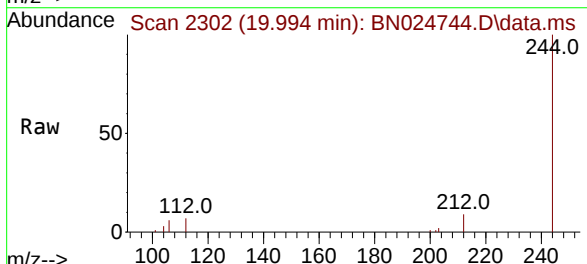
Tgt Ion:240 Resp: 18459
Ion Ratio Lower Upper
240 100
120 11.8 10.6 16.0
236 28.1 22.3 33.5

Manual Integrations
APPROVED

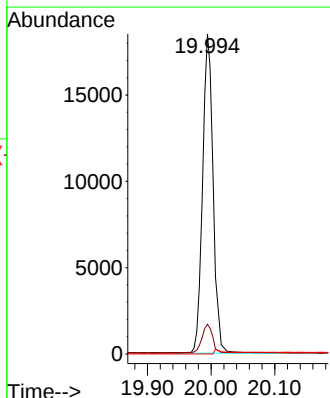
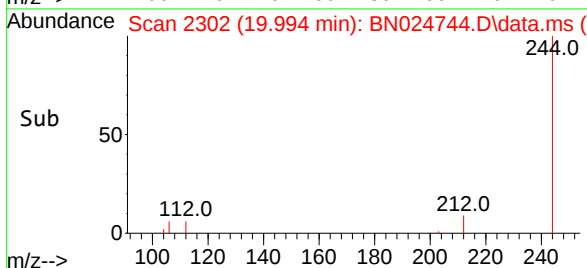
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

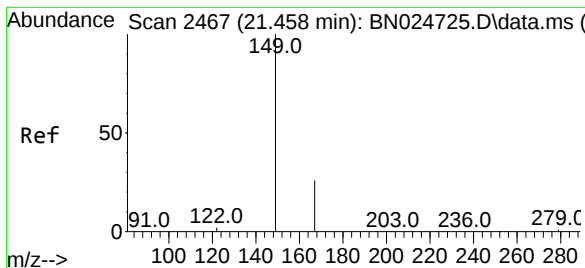


#31
Terphenyl-d14
Concen: 0.569 ng
RT: 19.994 min Scan# 2302
Delta R.T. -0.004 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16



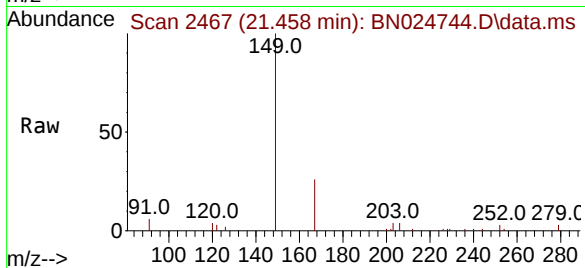
Tgt Ion:244 Resp: 30374
Ion Ratio Lower Upper
244 100
212 9.3 7.4 11.0
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.461 ng
RT: 21.458 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

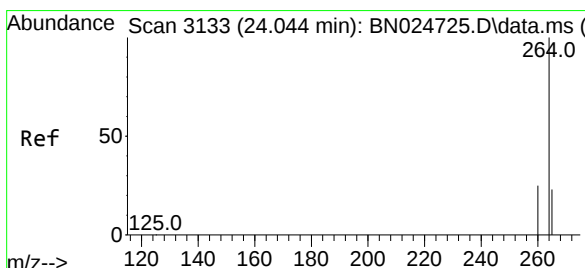
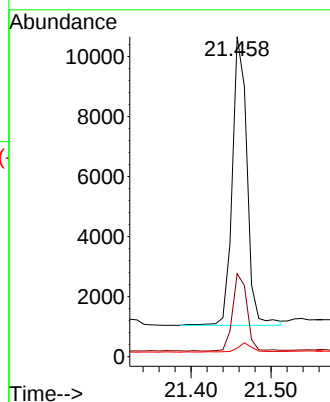
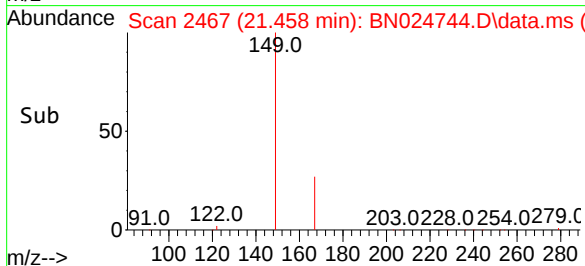
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423



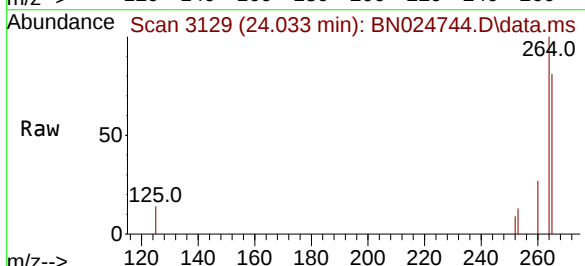
Tgt Ion:149 Resp: 12220
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.6
279 3.4 2.8 4.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.033 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16



Tgt Ion:264 Resp: 13889
Ion Ratio Lower Upper
264 100
260 26.6 20.6 31.0
265 80.9 62.5 93.7

