

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
 Data File : BN015570.D
 Acq On : 14 Jul 2021 19:04
 Operator : CG/JU
 Sample : M2953-03DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-070621-FDDL

Manual Integrations
 APPROVED

mohammad
 7/15/2021 8:50:29 AM

Quant Time: Jul 15 01:05:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 11:20:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	15791	0.400	ng	# 0.00
7) Naphthalene-d8	10.597	136	74290	0.400	ng	0.00
13) Acenaphthene-d10	14.447	164	40273	0.400	ng	0.01
19) Phenanthrene-d10	17.188	188	79820	0.400	ng	0.00
29) Chrysene-d12	21.387	240	50197	0.400	ng	# 0.00
35) Perylene-d12	23.745	264	24678	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	309	0.008	ng	0.00
5) Phenol-d6	6.988	99	235	0.005	ng	0.00
8) Nitrobenzene-d5	8.962	82	1633	0.039	ng	0.00
11) 2-Methylnaphthalene-d10	12.190	152	4036	0.033	ng	0.00
14) 2,4,6-Tribromophenol	15.944	330	198	0.231	ng	0.01
15) 2-Fluorobiphenyl	13.064	172	5536	0.034	ng	0.00
27) Fluoranthene-d10	19.227	212	8527	0.036	ng	0.00
31) Terphenyl-d14	19.828	244	6036	0.051	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	18765m	2.535	ng	Qvalue
24) Pentachlorophenol	16.835	266	502	0.295	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.302	149	4631	0.223	ng	# 88

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

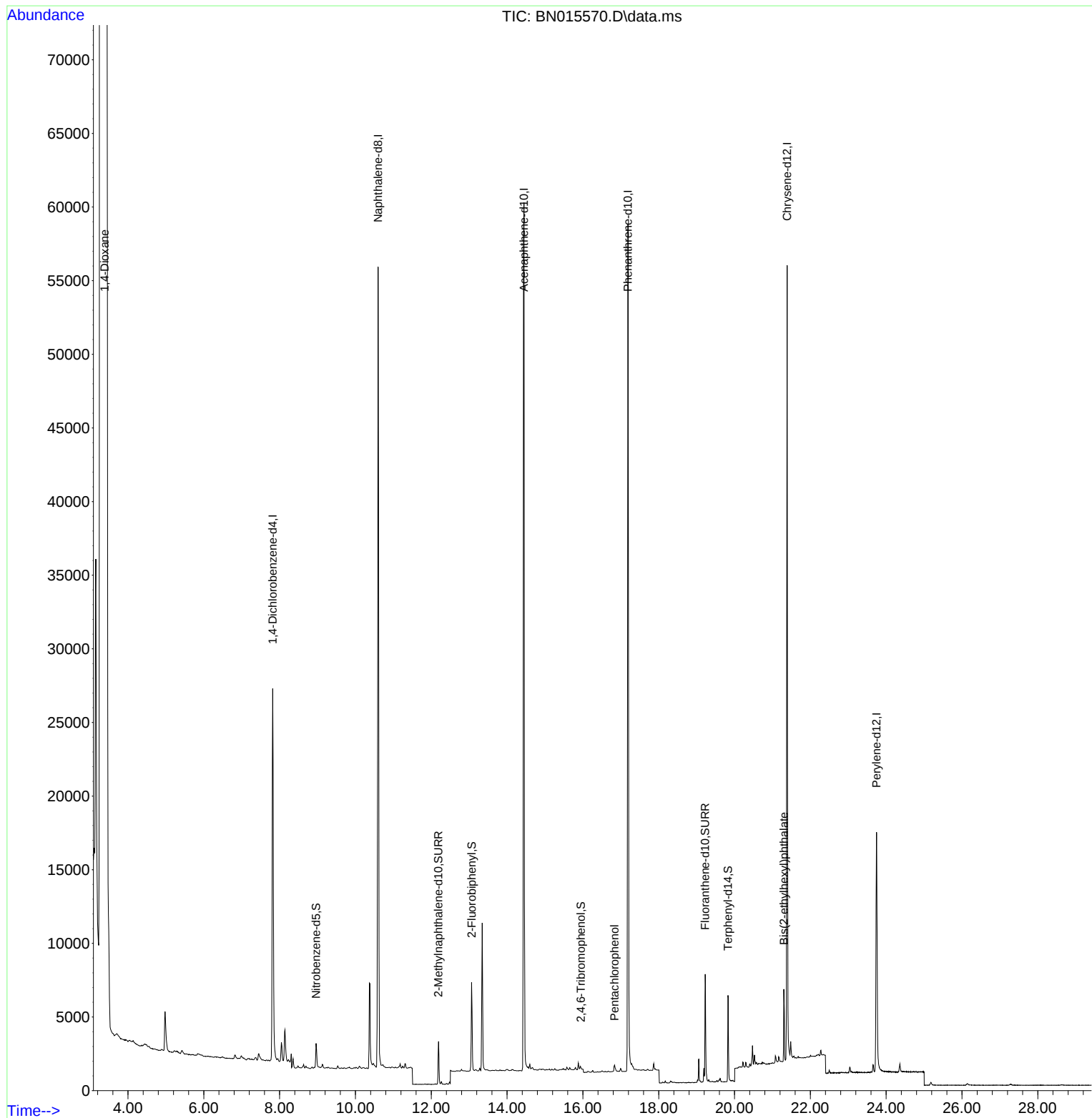
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
Data File : BN015570.D
Acq On : 14 Jul 2021 19:04
Operator : CG/JU
Sample : M2953-03DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

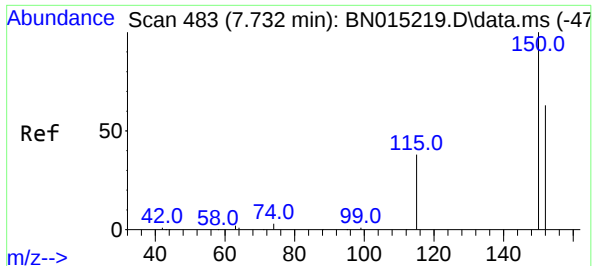
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621-FDDL

Manual Integrations
APPROVED

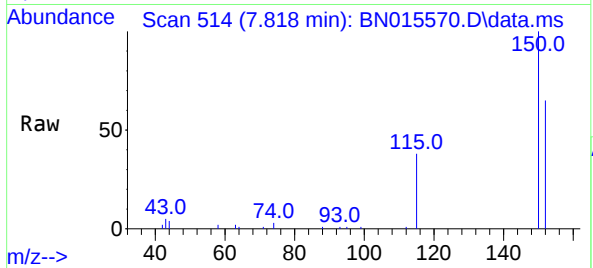
mohammad
7/15/2021 8:50:29 AM

Quant Time: Jul 15 01:05:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 11:20:16 2021
Response via : Initial Calibration

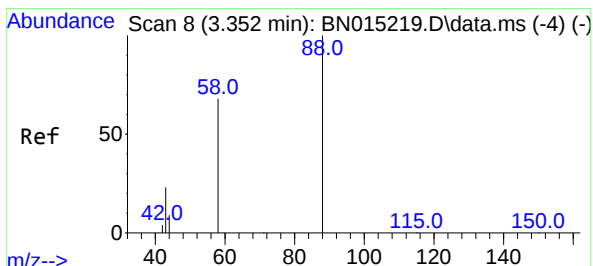
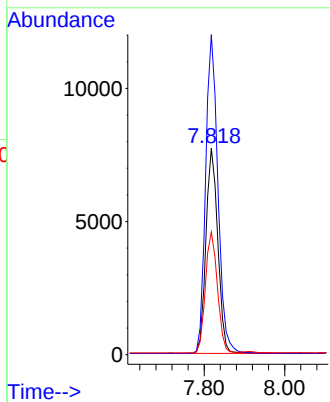
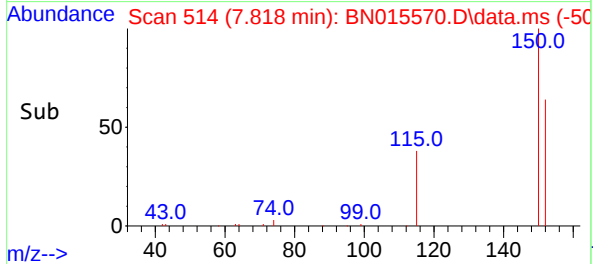




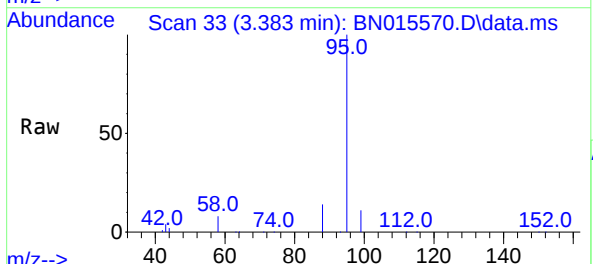
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 514
Delta R.T. 0.001 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04



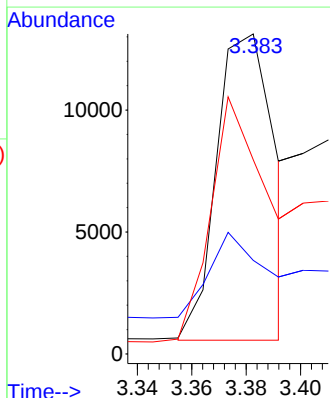
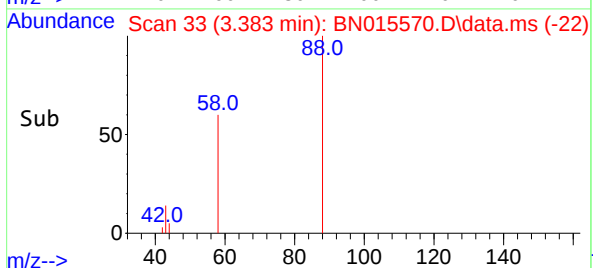
Tgt Ion: 152 Resp: 15791
Ion Ratio Lower Upper
152 100
150 154.9 119.0 178.6
115 59.4 62.2 93.4#



#2
1,4-Dioxane
Concen: 2.535 ng m
RT: 3.383 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04



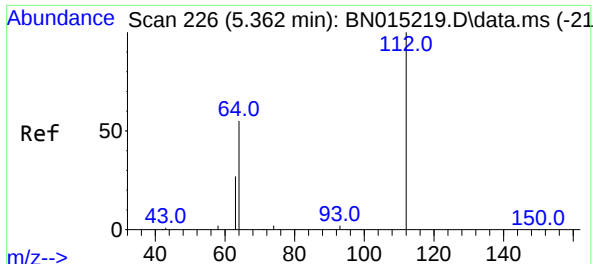
Tgt Ion: 88 Resp: 18765
Ion Ratio Lower Upper
88 100
43 67.0 12.9 19.3#
58 203.7 38.1 57.1#



Instrument :
BNA_N
ClientSampleId :
MW-11B-070621-FDDL

Manual Integrations
APPROVED

mohammad
7/15/2021 8:50:29 AM



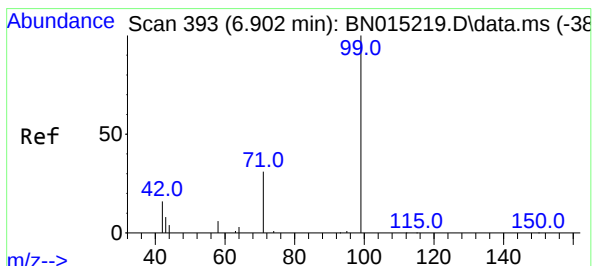
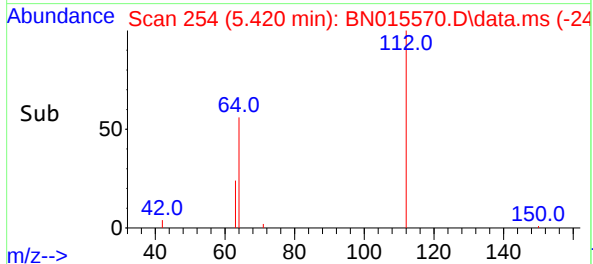
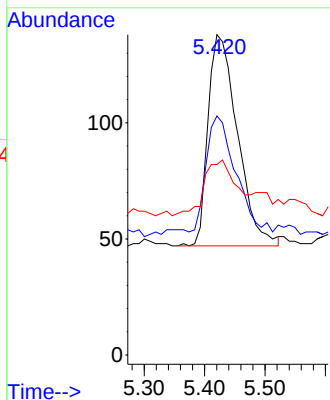
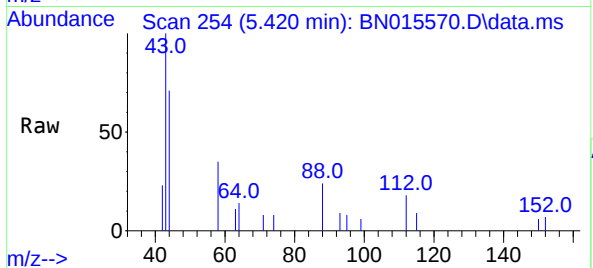
#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.420 min Scan# 254
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:	112	Resp:	309
Ion	Ratio	Lower	Upper
112	100		
64	54.0	39.0	58.6
63	29.1	20.6	30.8

Instrument :
BNA_N
ClientSampleId :
MW-11B-070621-FDDL

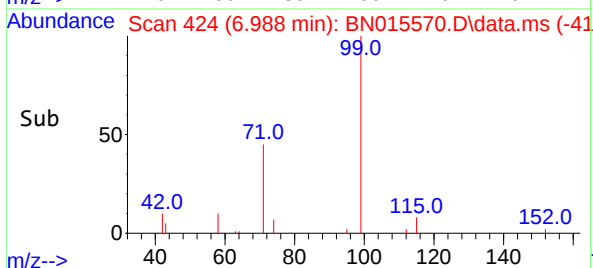
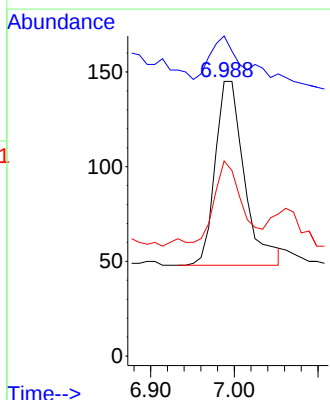
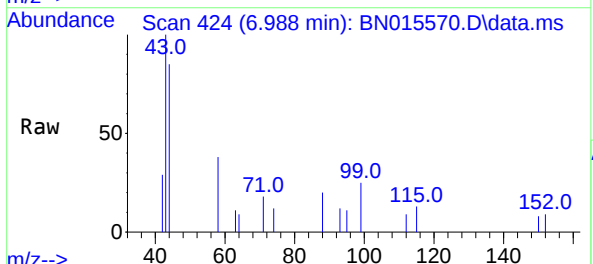
Manual Integrations
APPROVED

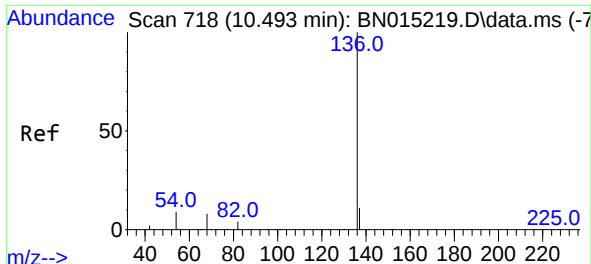
mohammad
7/15/2021 8:50:29 AM



#5
Phenol-d6
Concen: 0.005 ng
RT: 6.988 min Scan# 424
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

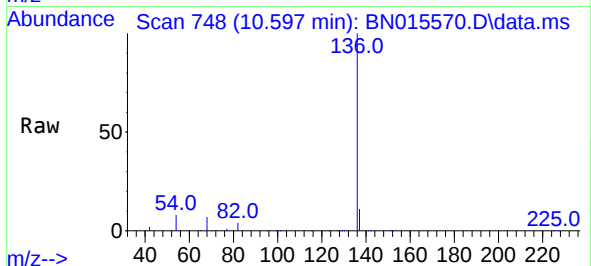
Tgt Ion:	99	Resp:	235
Ion	Ratio	Lower	Upper
99	100		
42	23.4	8.9	13.3#
71	40.4	35.6	53.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.597 min Scan# 748
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

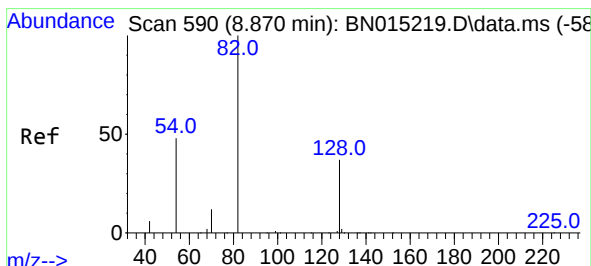
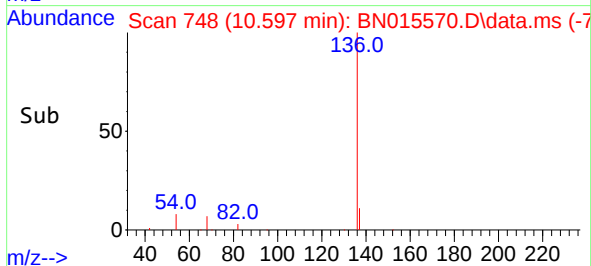
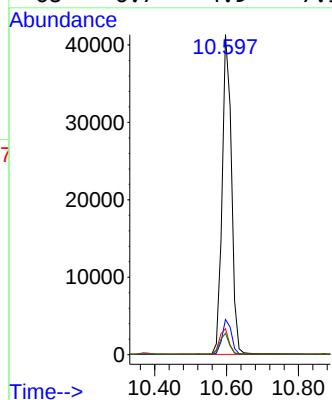
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621-FDDL



Tgt Ion:	136	Resp:	74290
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	8.1	5.4	8.2
68	6.7	4.9	7.3

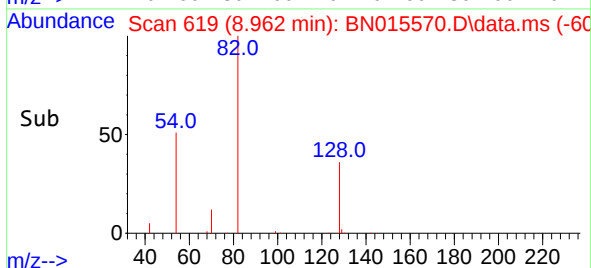
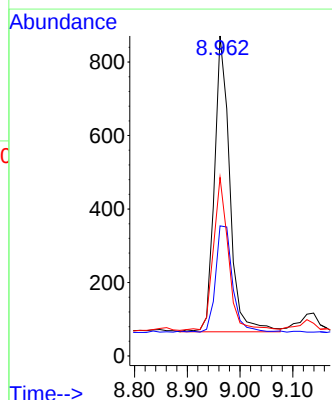
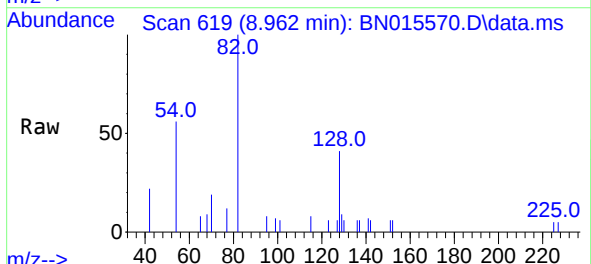
Manual Integrations
APPROVED

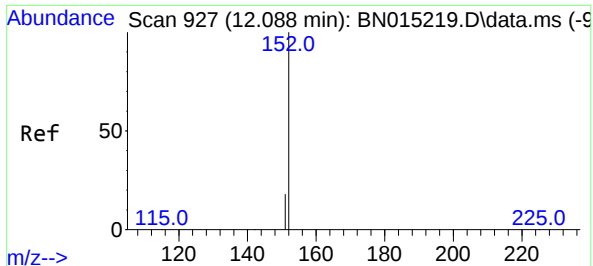
mohammad
7/15/2021 8:50:29 AM



#8
Nitrobenzene-d5
Concen: 0.039 ng
RT: 8.962 min Scan# 619
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:	82	Resp:	1633
Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.6	47.4
54	55.8	29.0	43.4





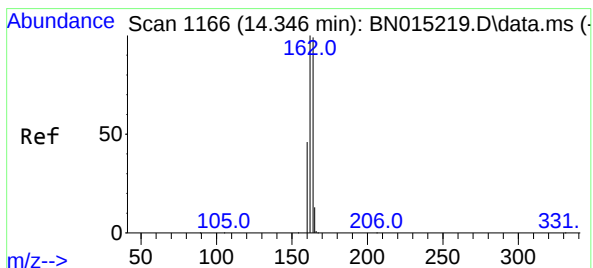
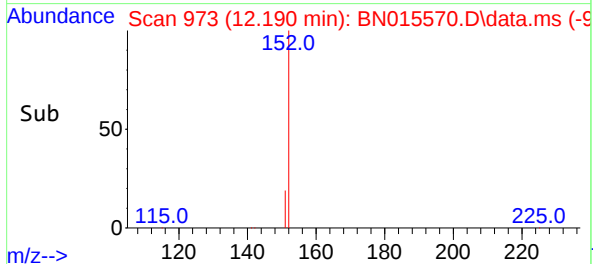
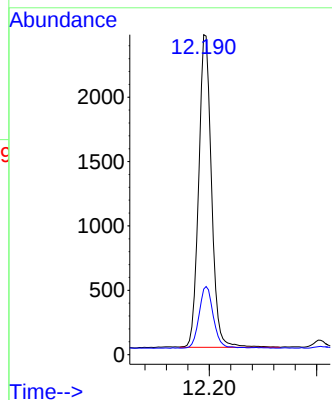
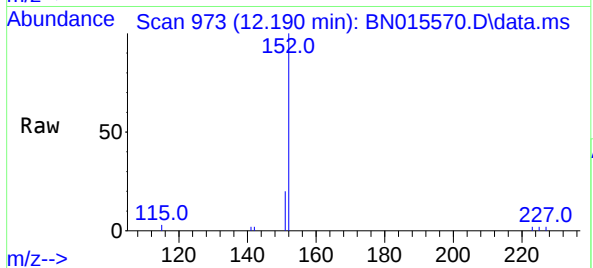
#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 12.190 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:152 Resp: 4036
Ion Ratio Lower Upper
152 100
151 22.0 16.7 25.1

Instrument :
BNA_N
ClientSampleId :
MW-11B-070621-FDDL

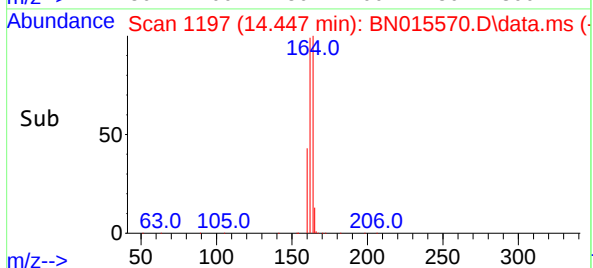
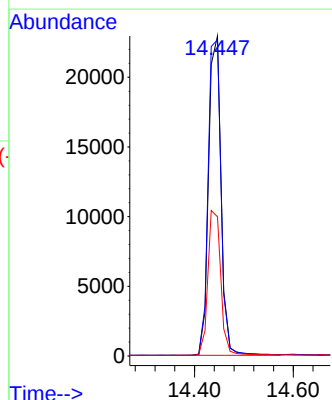
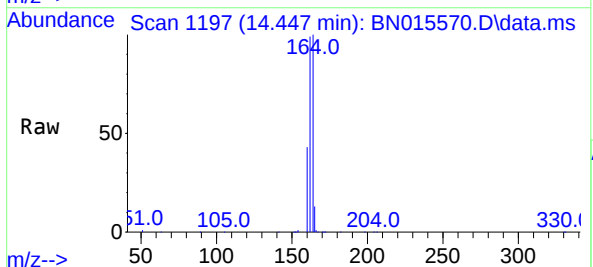
Manual Integrations
APPROVED

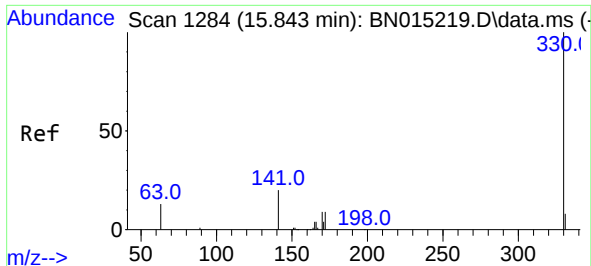
mohammad
7/15/2021 8:50:29 AM



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.447 min Scan# 1197
Delta R.T. 0.013 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

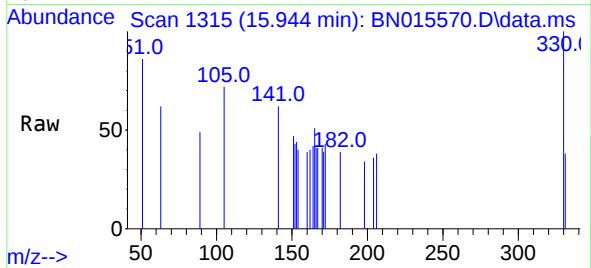
Tgt Ion:164 Resp: 40273
Ion Ratio Lower Upper
164 100
162 98.8 83.8 125.6
160 43.5 37.4 56.0





#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 15.944 min Scan# 1315
Delta R.T. 0.013 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

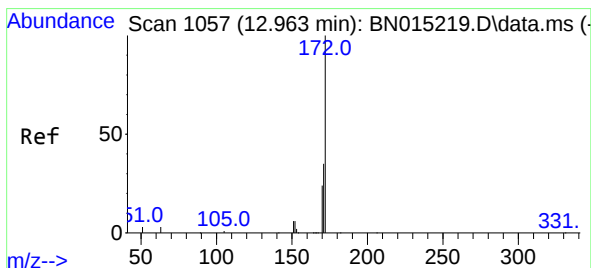
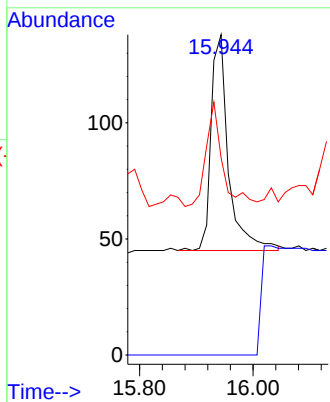
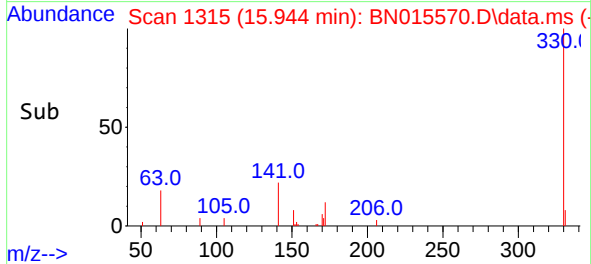
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621-FDDL



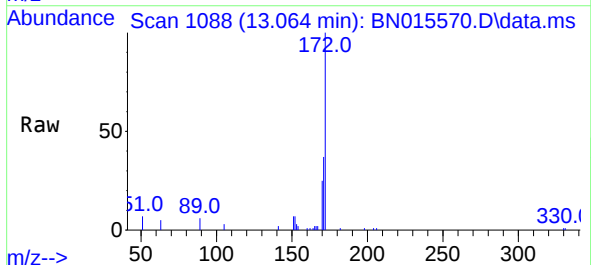
Tgt Ion:330 Resp: 198
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.0 22.4 33.6#

Manual Integrations
APPROVED

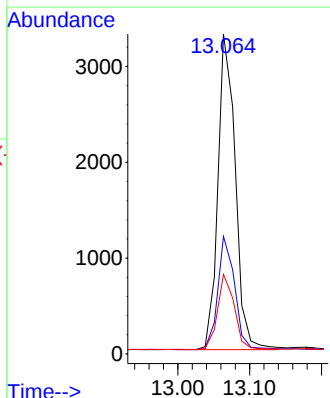
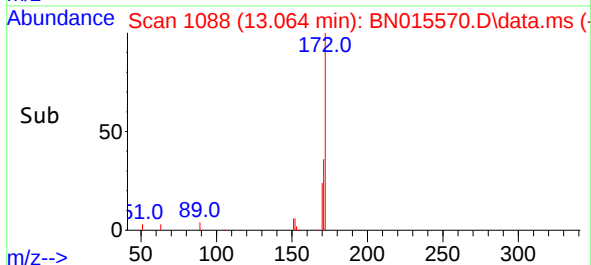
mohammad
7/15/2021 8:50:29 AM

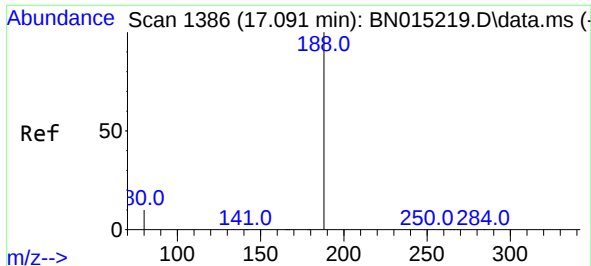


#15
2-Fluorobiphenyl
Concen: 0.034 ng
RT: 13.064 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04



Tgt Ion:172 Resp: 5536
Ion Ratio Lower Upper
172 100
171 36.8 30.6 45.8
170 24.9 20.2 30.4





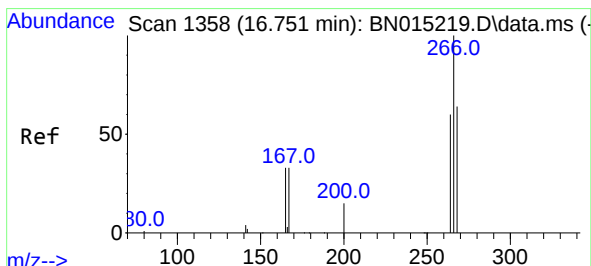
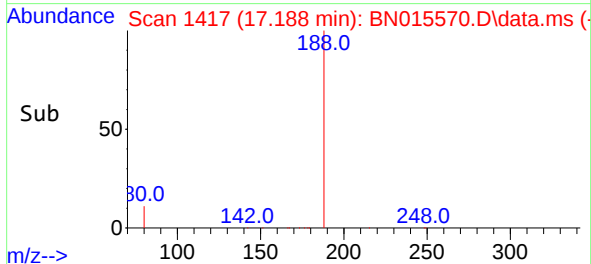
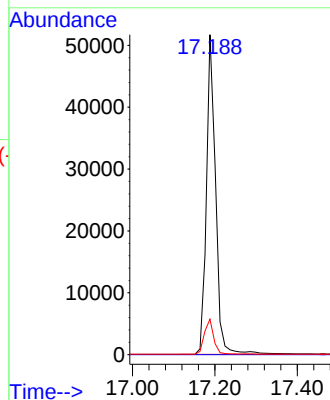
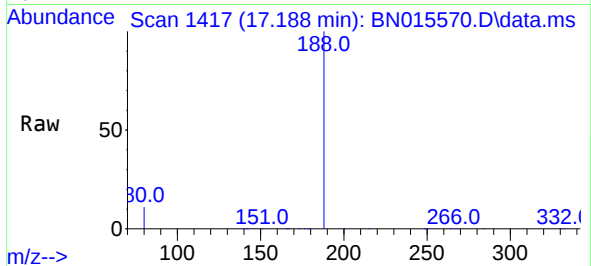
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:188 Resp: 79820
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 9.0 13.4

Instrument :
BNA_N
ClientSampleId :
MW-11B-070621-FDDL

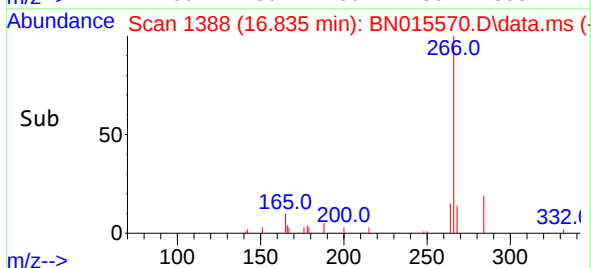
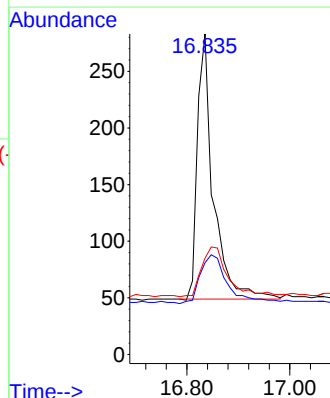
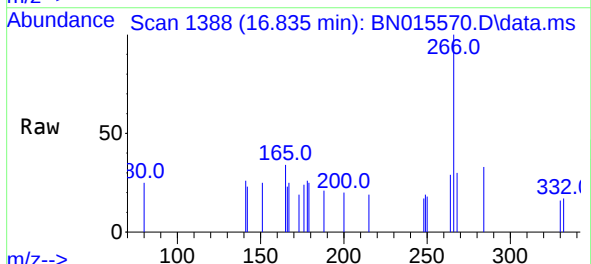
Manual Integrations
APPROVED

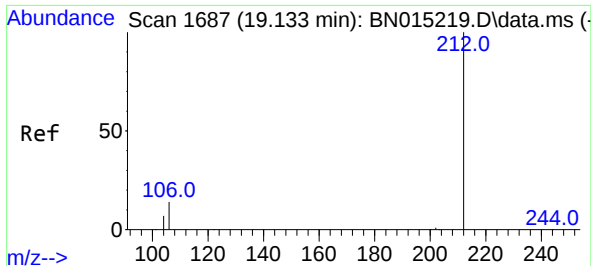
mohammad
7/15/2021 8:50:29 AM



#24
Pentachlorophenol
Concen: 0.295 ng
RT: 16.835 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

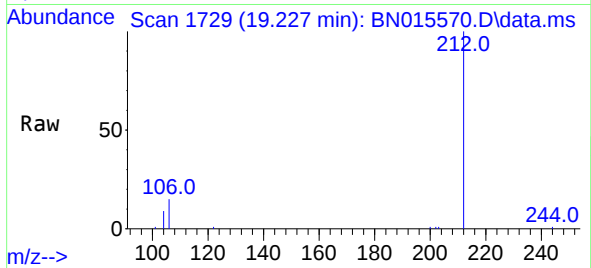
Tgt Ion:266 Resp: 502
Ion Ratio Lower Upper
266 100
264 31.9 51.0 76.4#
268 31.1 50.6 76.0#





#27
Fluoranthene-d10
Concen: 0.036 ng
RT: 19.227 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

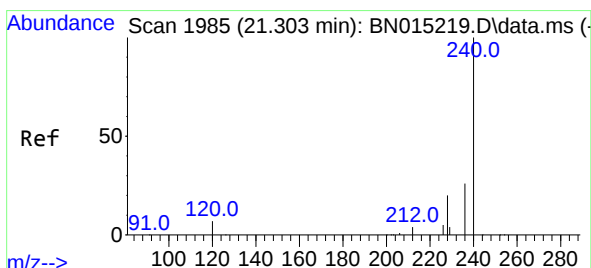
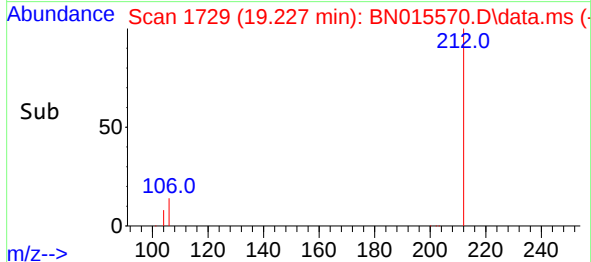
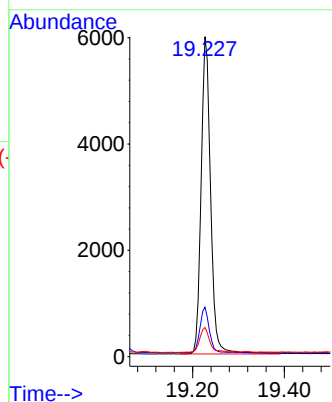
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621-FDDL



Tgt Ion:212 Resp: 8527
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 8.3 4.1 6.1#

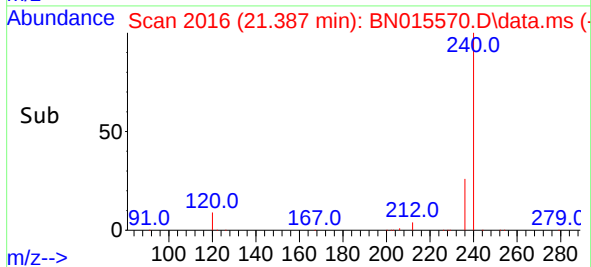
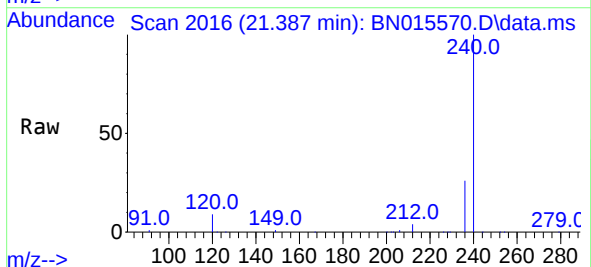
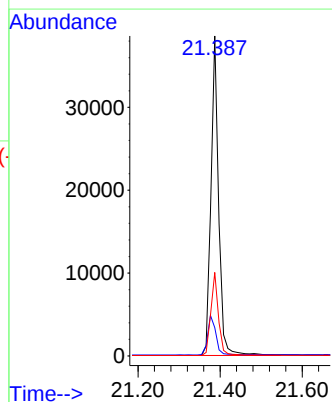
Manual Integrations
APPROVED

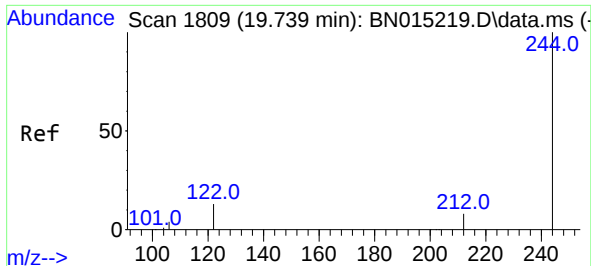
mohammad
7/15/2021 8:50:29 AM



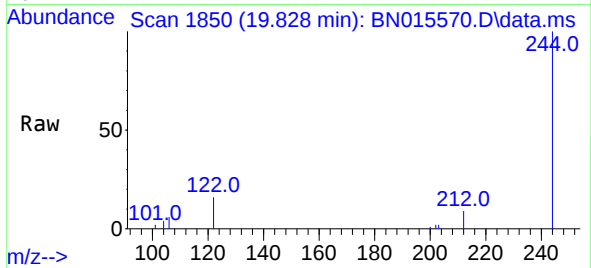
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.387 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:240 Resp: 50197
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.4#
236 26.1 21.4 32.2

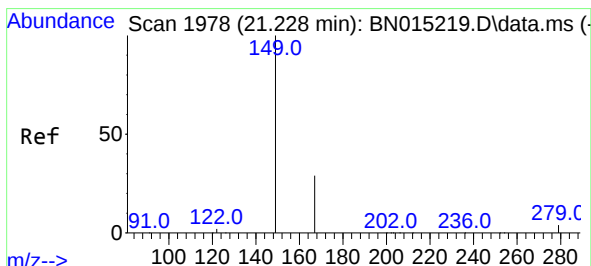
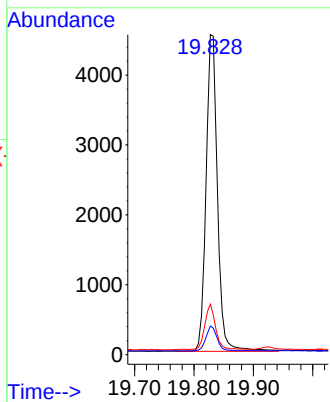
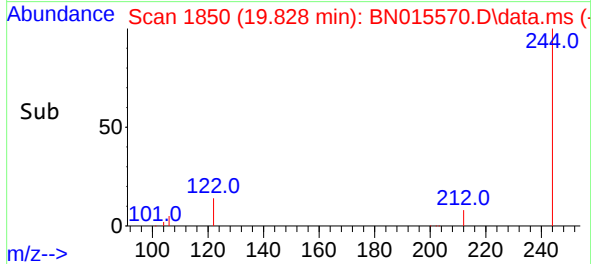




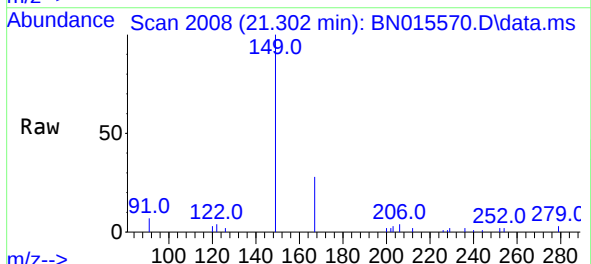
#31
Terphenyl-d14
Concen: 0.051 ng
RT: 19.828 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04



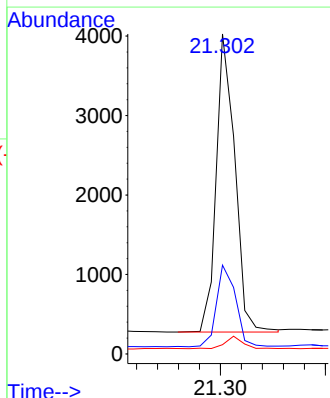
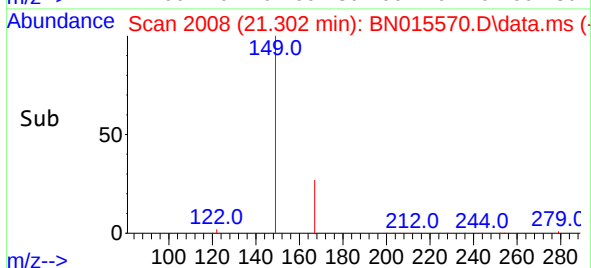
Tgt Ion:244 Resp: 6036
Ion Ratio Lower Upper
244 100
212 9.0 6.3 9.5
122 15.8 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.223 ng
RT: 21.302 min Scan# 2008
Delta R.T. -0.010 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04



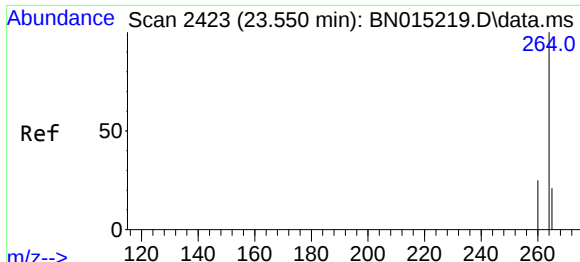
Tgt Ion:149 Resp: 4631
Ion Ratio Lower Upper
149 100
167 28.3 28.9 43.3#
279 3.8 4.9 7.3#



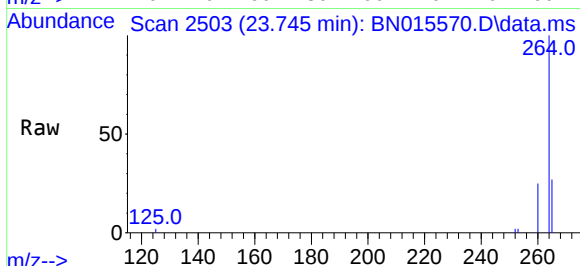
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621-FDDL

Manual Integrations
APPROVED

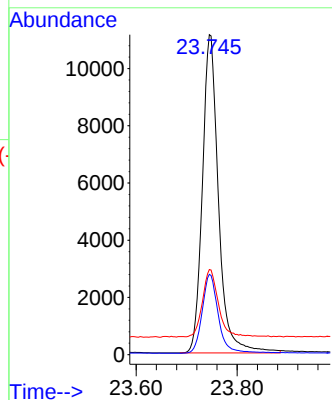
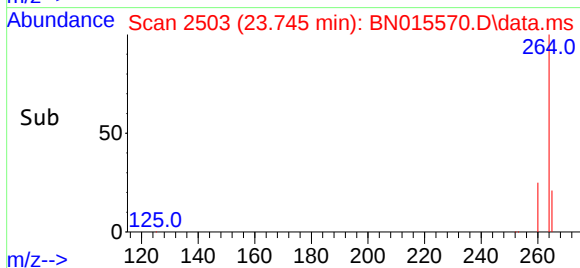
mohammad
7/15/2021 8:50:29 AM



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.745 min Scan# 2503
 Delta R.T. -0.003 min
 Lab File: BN015570.D
 Acq: 14 Jul 2021 19:04



Tgt Ion:	264	Resp:	24678
Ion Ratio	Lower	Upper	
264	100		
260	25.1	20.6	31.0
265	26.6	21.4	32.2



Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-070621-FDDL

Manual Integrations
 APPROVED

mohammad
 7/15/2021 8:50:29 AM