Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
Data File : BN014996.D
Acq On : 23 Jun 2021 07:32
Operator : CG/JU
Sample : M2750-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM

Quant Time: Jun 23 09:10:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 17 01:26:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	21079	0.400	ng	#-0.01
7) Naphthalene-d8	10.518	136	95540	0.400	ng	# 0.00
13) Acenaphthene-d10	14.359	164	51065	0.400	ng	-0.01
19) Phenanthrene-d10	17.104	188	100384	0.400	ng	#-0.01
29) Chrysene-d12	21.303	240	91984	0.400	ng	#-0.02
35) Perylene-d12	23.551	264	82462	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.381	112	9375	0.144	ng	0.00
5) Phenol-d6	6.920	99	6580	0.080	ng	0.00
8) Nitrobenzene-d5	8.883	82	25419	0.352	ng	-0.02
11) 2-Methylnaphthalene-d10	12.102	152	52263	0.319	ng	-0.02
14) 2,4,6-Tribromophenol	15.843	330	8084	0.337	ng	-0.02
15) 2-Fluorobiphenyl	12.976	172	80487	0.415	ng	-0.02
27) Fluoranthene-d10	19.138	212	104334	0.330	ng	-0.02
31) Terphenyl-d14	19.744	244	125602	0.551	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	15143m	1.713	ng	
6) bis(2-Chloroethyl)ether	7.179	93	15038	0.232	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.228	149	33646	0.139	ng	# 89

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

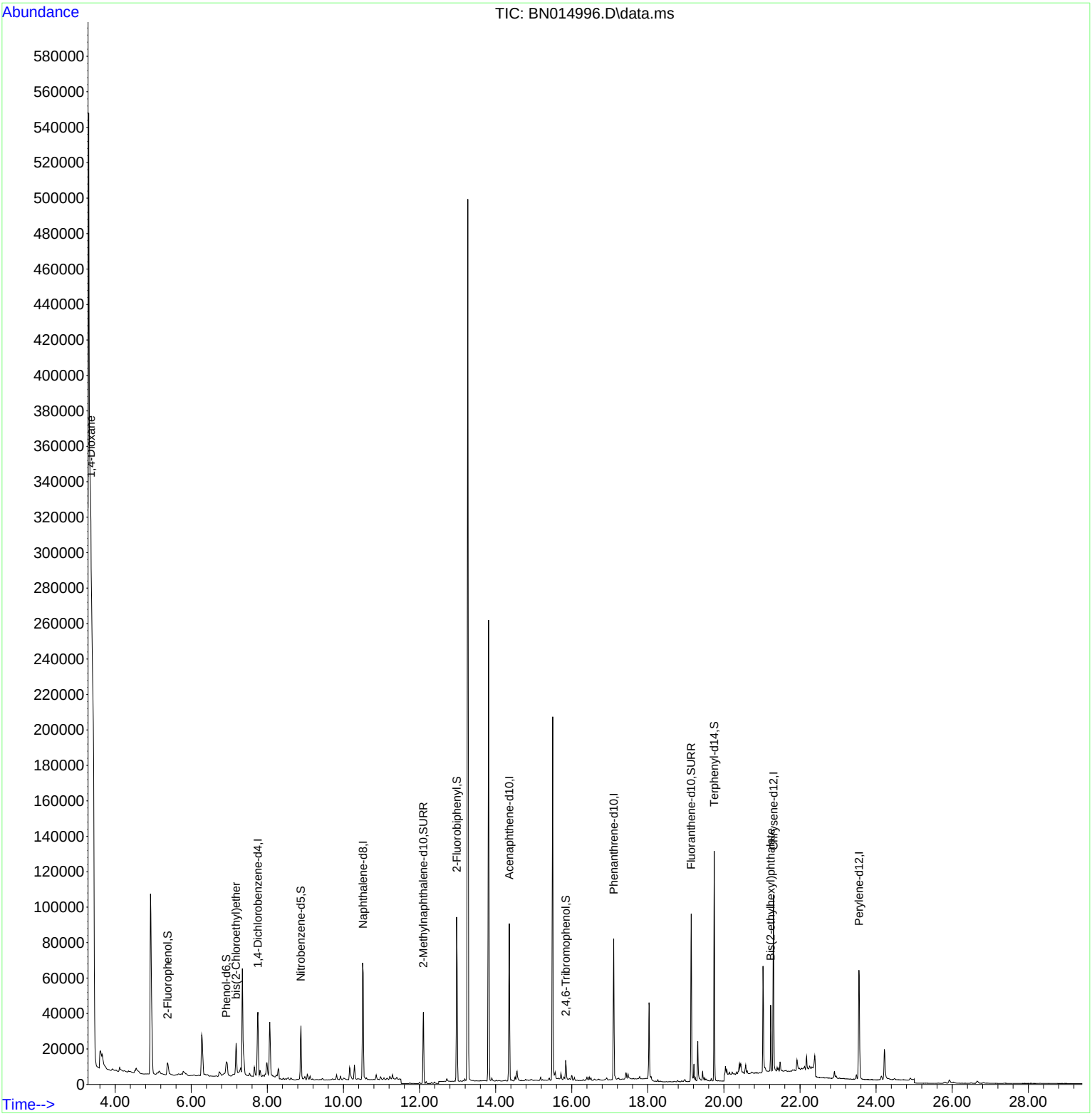
Quantitation Report (QT Reviewed)

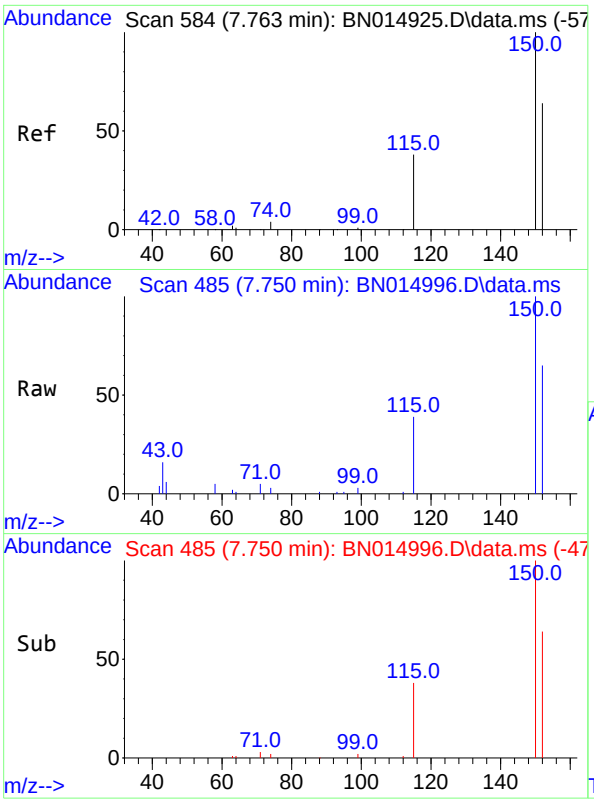
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
Data File : BN014996.D
Acq On : 23 Jun 2021 07:32
Operator : CG/JU
Sample : M2750-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 23 09:10:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 17 01:26:44 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM

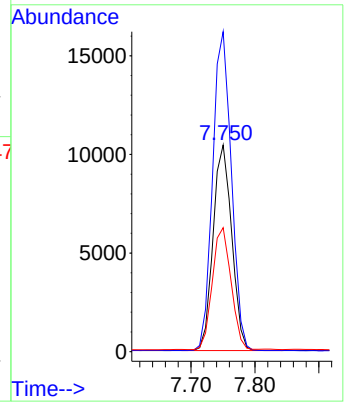


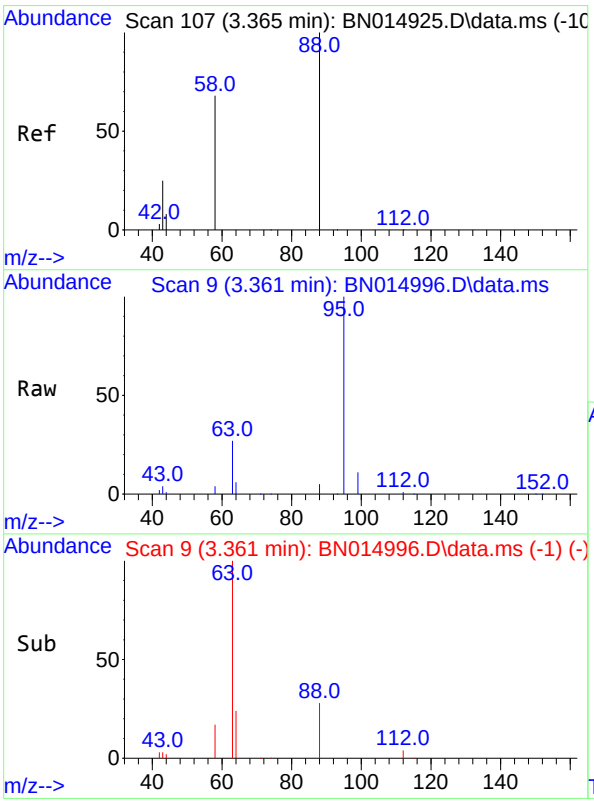


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.750 min Scan# 485
Delta R.T. -0.013 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:152 Resp: 21079

Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.0	178.6
115	60.0	62.2	93.4#

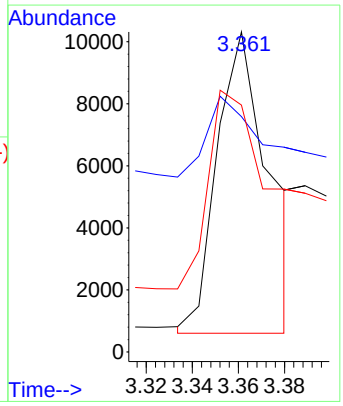




#2
1,4-Dioxane
Concen: 1.713 ng m
RT: 3.361 min Scan# 9
Delta R.T. -0.003 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

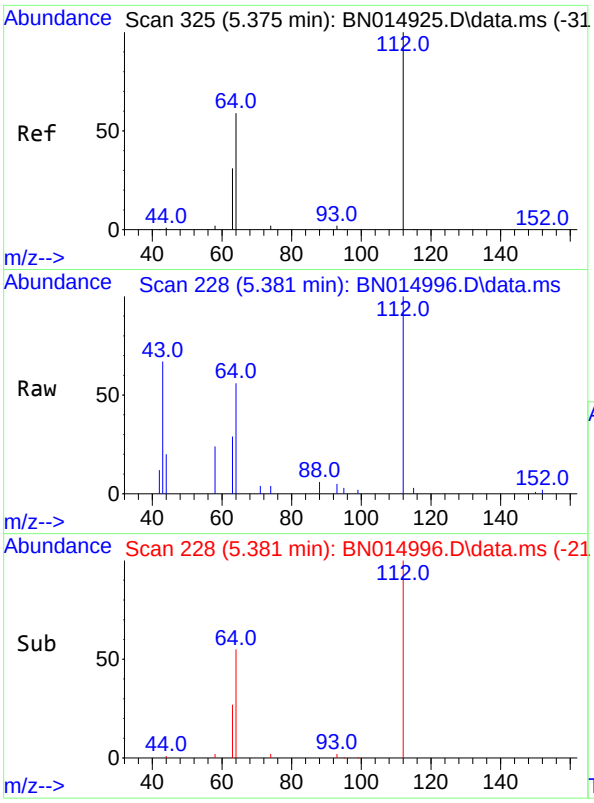
Tgt Ion: 88 Resp: 15143

Ion	Ratio	Lower	Upper
88	100		
43	34.8	12.9	19.3#
58	145.8	38.1	57.1#



Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

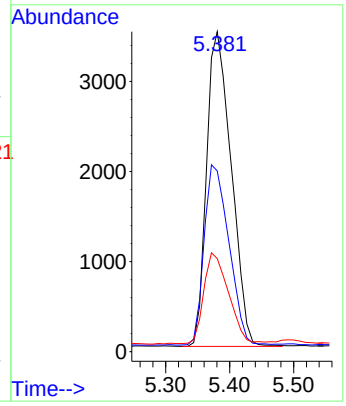
Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM

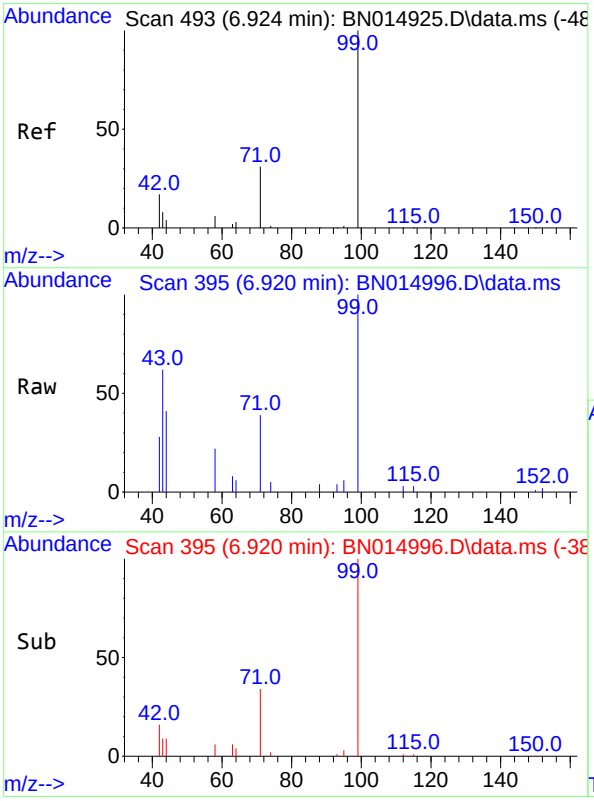


#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.381 min Scan# 228
Delta R.T. 0.006 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:112 Resp: 9375

Ion	Ratio	Lower	Upper
112	100		
64	57.6	39.0	58.6
63	29.1	20.6	30.8

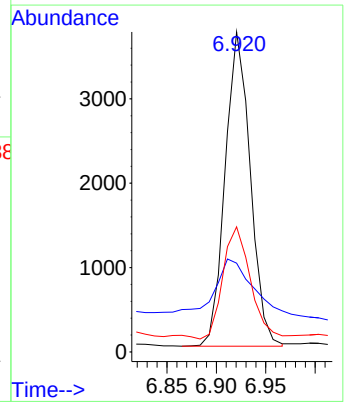




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.920 min Scan# 395
Delta R.T. -0.003 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

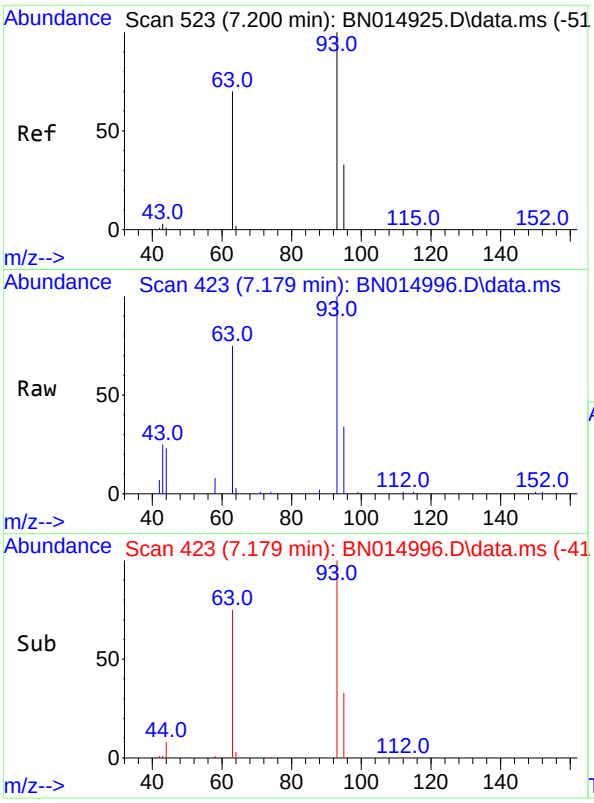
Tgt Ion: 99 Resp: 6580

Ion	Ratio	Lower	Upper
99	100		
42	25.3	8.9	13.3#
71	39.1	35.6	53.4



Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

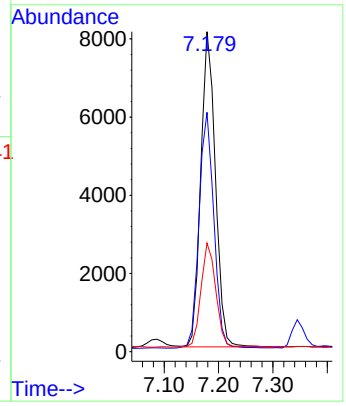
Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM

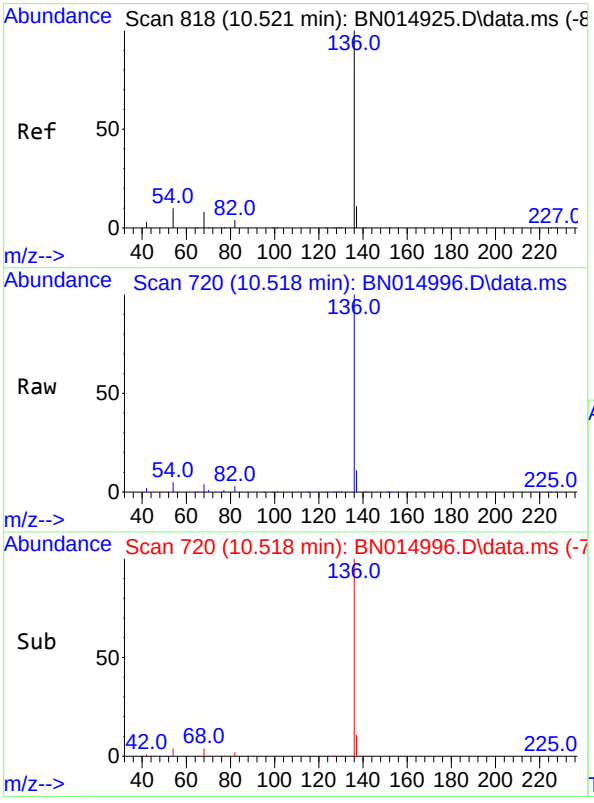


#6
bis(2-Chloroethyl)ether
Concen: 0.232 ng
RT: 7.179 min Scan# 423
Delta R.T. -0.022 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion: 93 Resp: 15038

Ion	Ratio	Lower	Upper
93	100		
63	76.1	46.6	70.0#
95	33.4	28.6	42.8

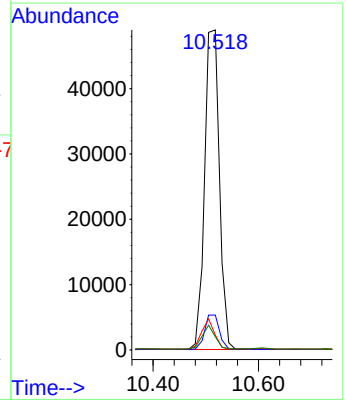




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.518 min Scan# 720
Delta R.T. -0.003 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

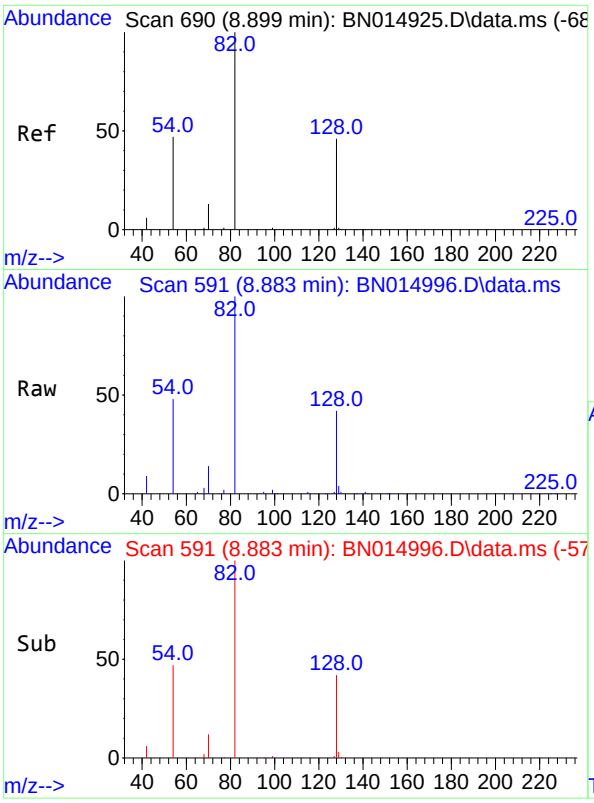
Tgt Ion:136 Resp: 95540

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	4.6	5.4	8.2#
68	4.1	4.9	7.3#



Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

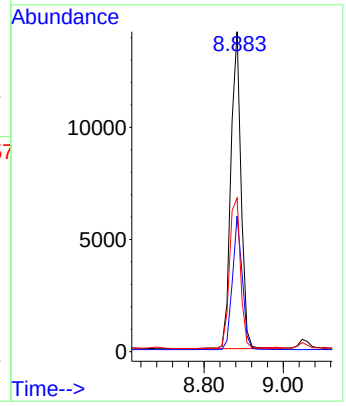
Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM



#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.016 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

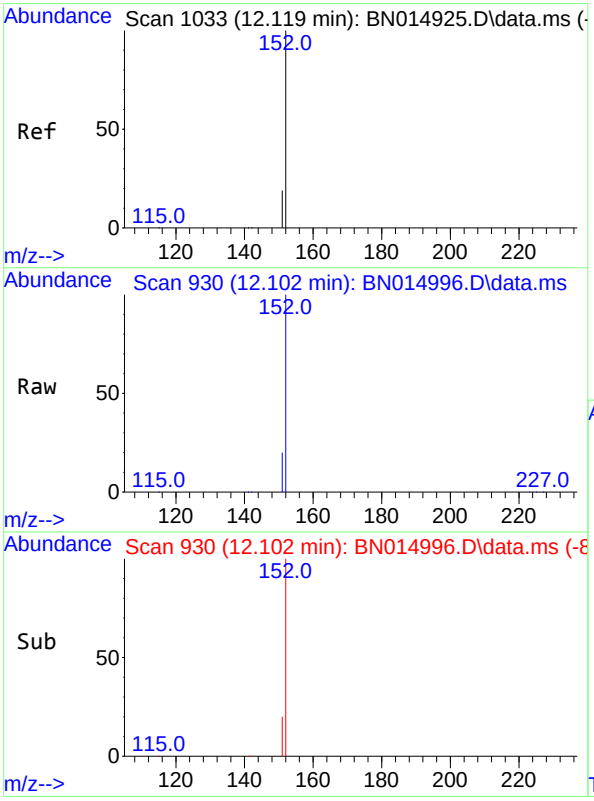
Tgt Ion: 82 Resp: 25419

Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.6	47.4
54	48.0	29.0	43.4#



Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

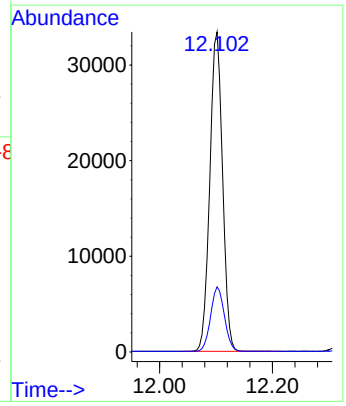
Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM

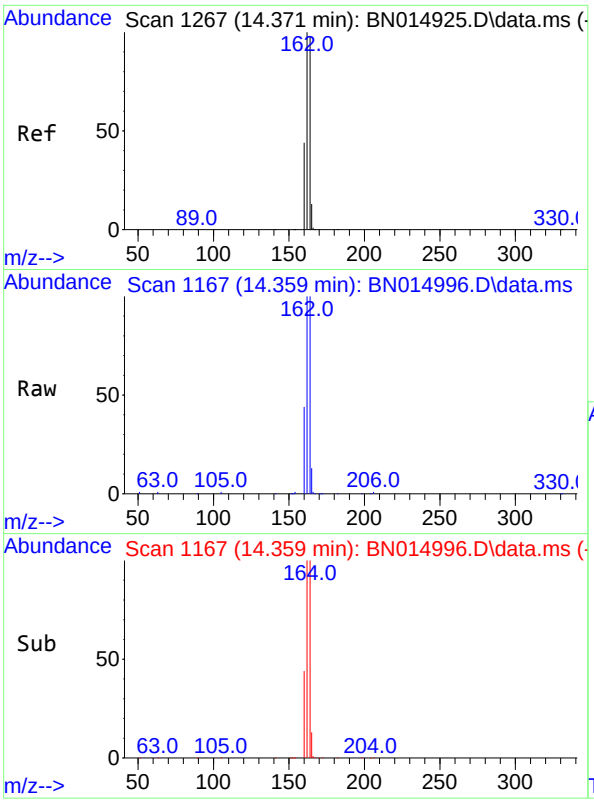


#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.102 min Scan# 930
Delta R.T. -0.017 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:152 Resp: 52263

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.7	25.1

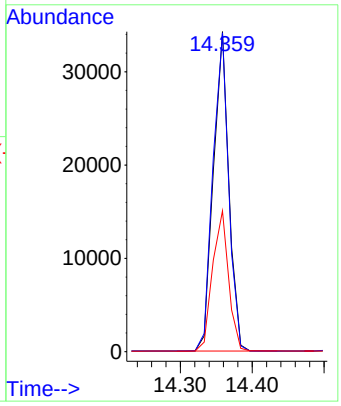




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.359 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

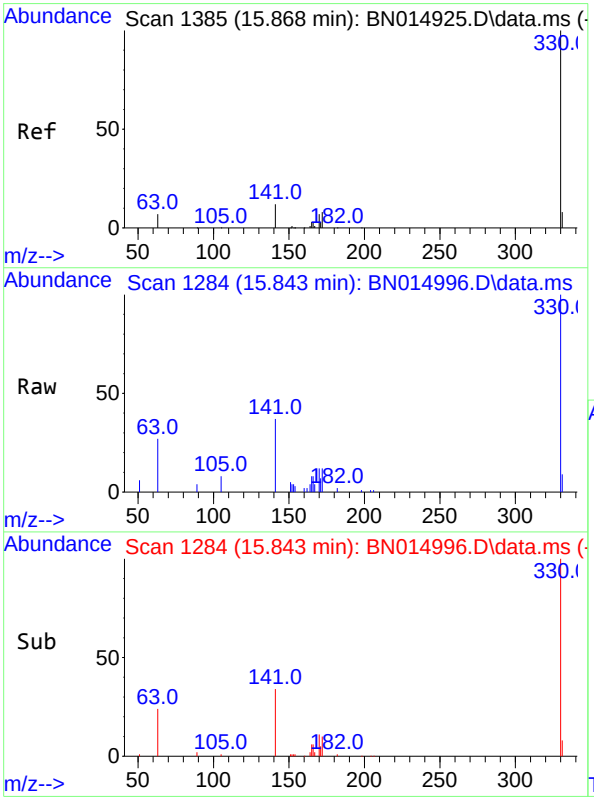
Tgt Ion:164 Resp: 51065

Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.8	125.6
160	44.0	37.4	56.0



Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

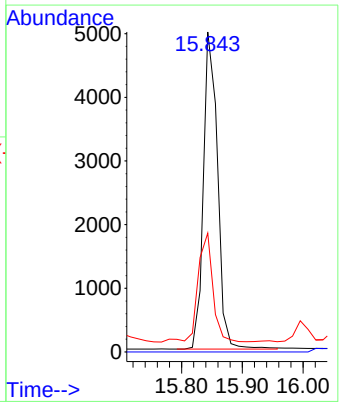
Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM

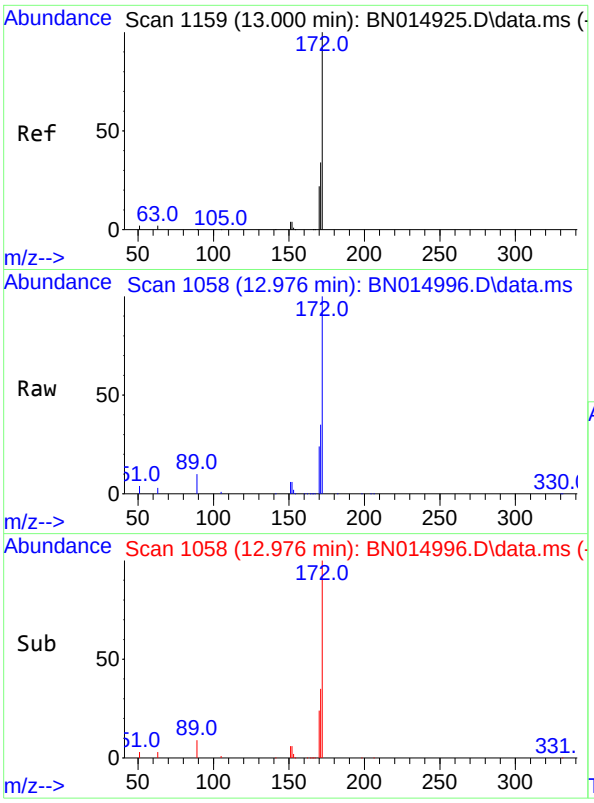


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.025 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:330 Resp: 8084

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	22.4	33.6#

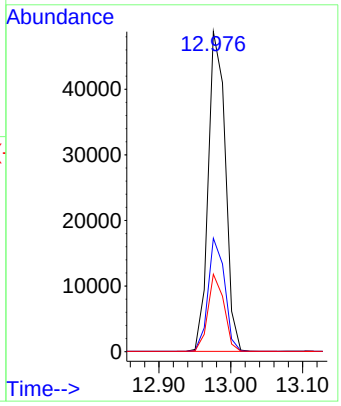


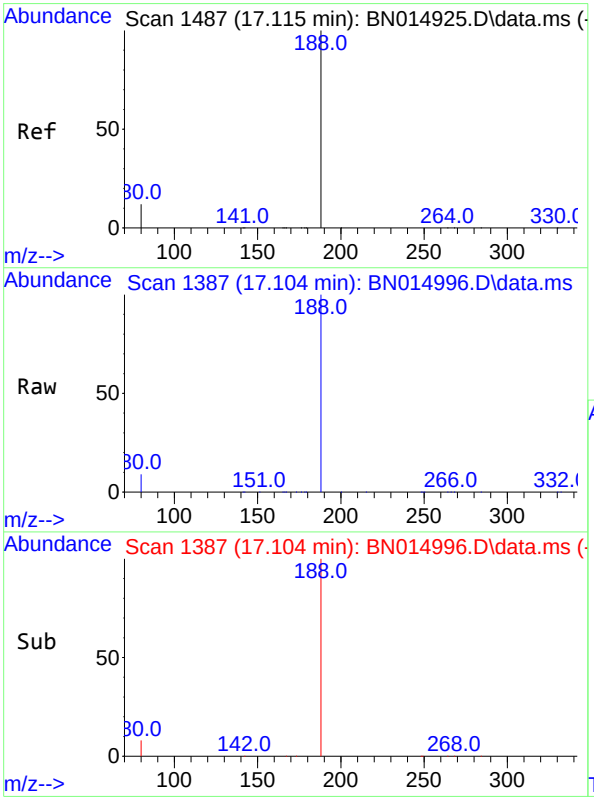


#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.976 min Scan# 1058
Delta R.T. -0.025 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:172 Resp: 80487

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.6	45.8
170	24.2	20.2	30.4

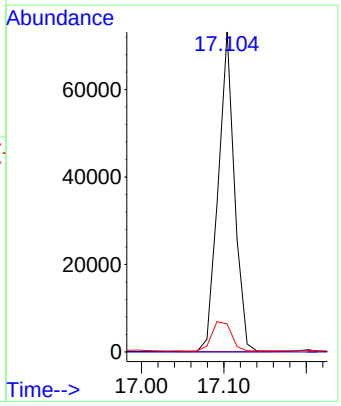




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

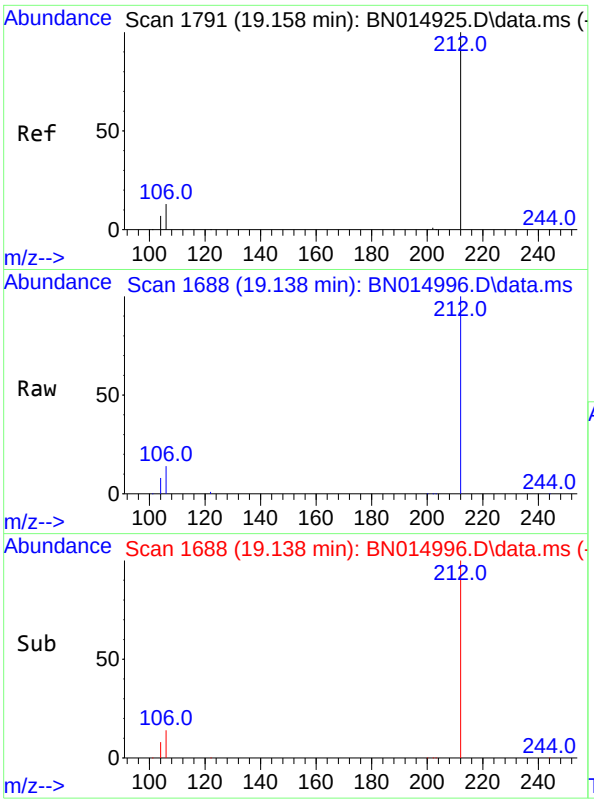
Tgt Ion:188 Resp: 100384

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	9.0	13.4#



Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

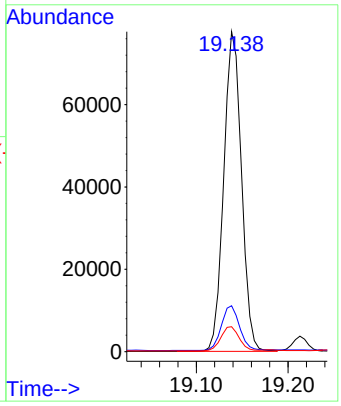
Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM



#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.138 min Scan# 1688
Delta R.T. -0.019 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

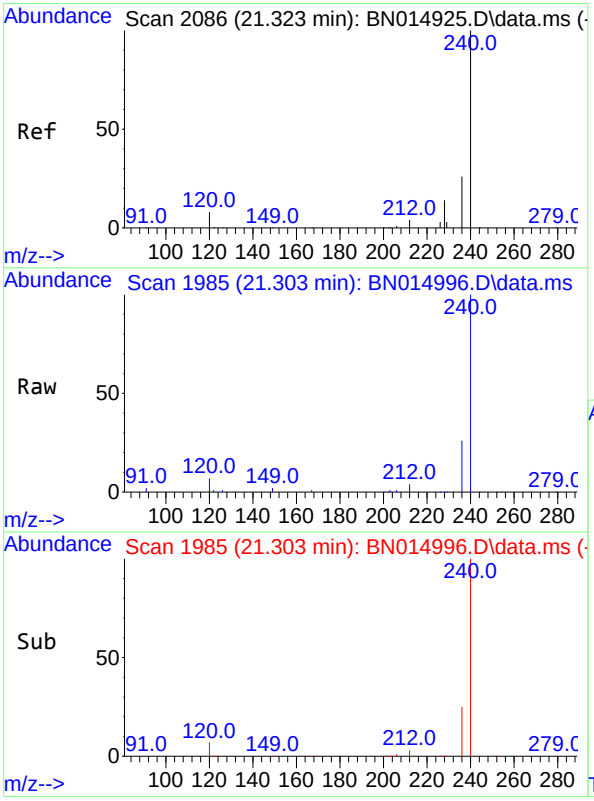
Tgt Ion:212 Resp: 104334

Ion	Ratio	Lower	Upper
212	100		
106	14.8	7.0	10.6#
104	7.8	4.1	6.1#



Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

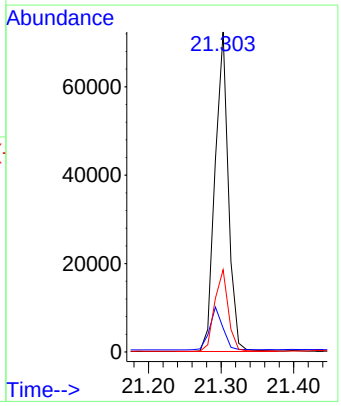
Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM

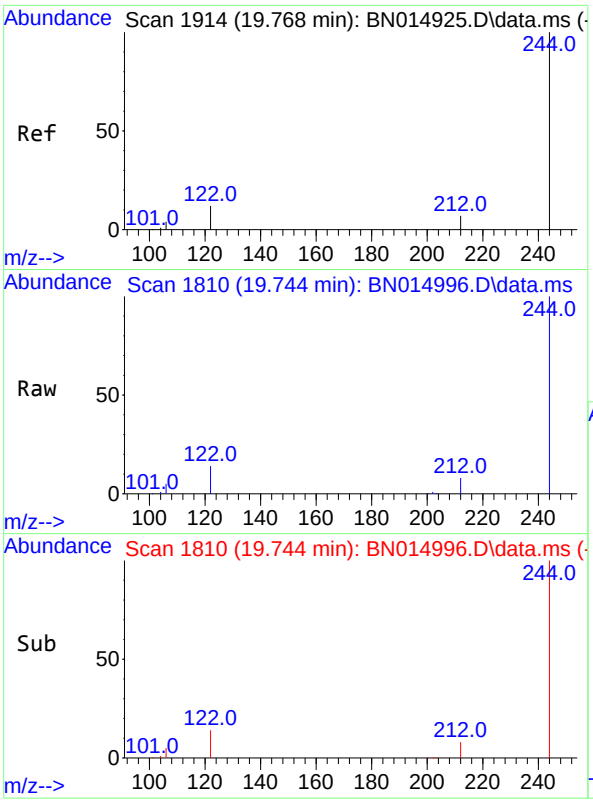


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1985
Delta R.T. -0.021 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:240 Resp: 91984

Ion	Ratio	Lower	Upper
240	100		
120	7.5	4.2	6.4#
236	25.7	21.4	32.2

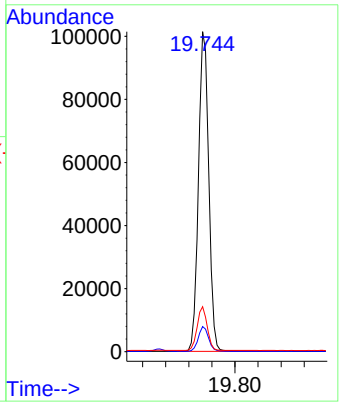


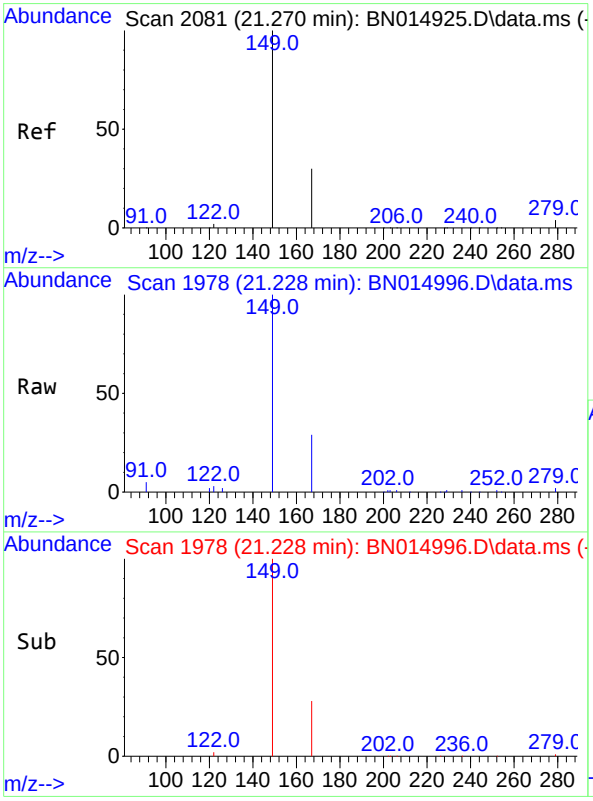


#31
Terphenyl-d14
Concen: 0.551 ng
RT: 19.744 min Scan# 1810
Delta R.T. -0.024 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:244 Resp: 125602

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	14.1	6.2	9.2#

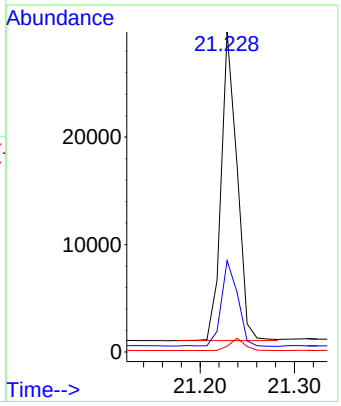




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.139 ng
RT: 21.228 min Scan# 1978
Delta R.T. -0.042 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

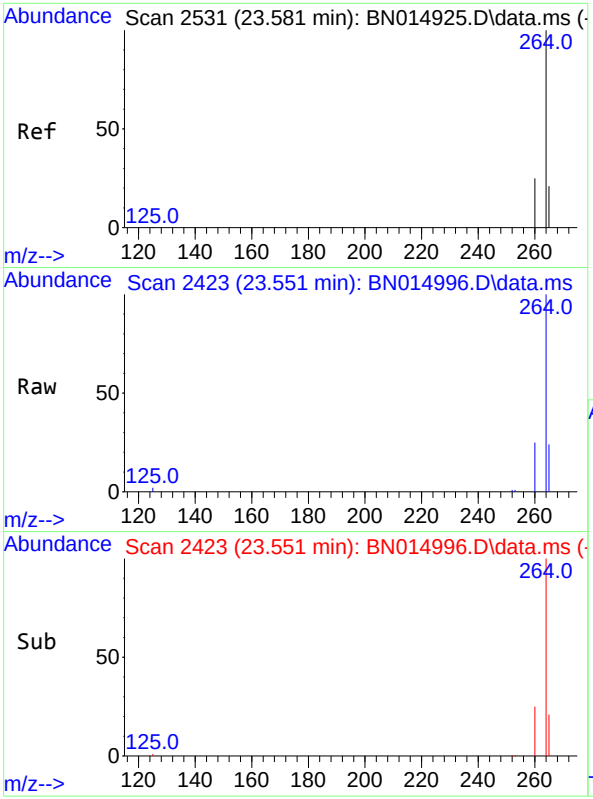
Tgt Ion:149 Resp: 33646

Ion	Ratio	Lower	Upper
149	100		
167	28.9	28.9	43.3#
279	3.8	4.9	7.3#



Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

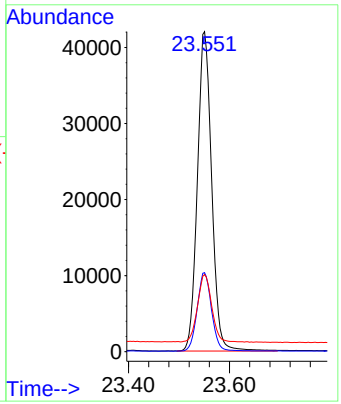
Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.551 min Scan# 2423
Delta R.T. -0.030 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:264 Resp: 82462

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.6	31.0
265	24.1	21.4	32.2



Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

Manual Integrations APPROVED
mohammad
6/23/2021 4:50:55 PM