Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016788.D
Acq On : 06 Oct 2021 20:29
Operator : CG/JU
Sample : M3915-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM

Quant Time: Oct 07 00:59:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19479	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	90283	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	51113	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	101532	0.400	ng	0.00
29) Chrysene-d12	21.227	240	104010	0.400	ng	0.00
35) Perylene-d12	23.481	264	110669	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	6195	0.125	ng	0.02
5) Phenol-d6	6.822	99	3812	0.069	ng	0.00
8) Nitrobenzene-d5	8.772	82	15935	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	39870	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	7973	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	51840	0.254	ng	0.00
27) Fluoranthene-d10	19.058	212	115876	0.417	ng	0.00
31) Terphenyl-d14	19.674	244	92658	0.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	24001m	2.640	ng	
6) bis(2-Chloroethyl)ether	7.071	93	1287	0.024	ng	98
34) Bis(2-ethylhexyl)phtha...	21.164	149	42077	0.215	ng	100

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

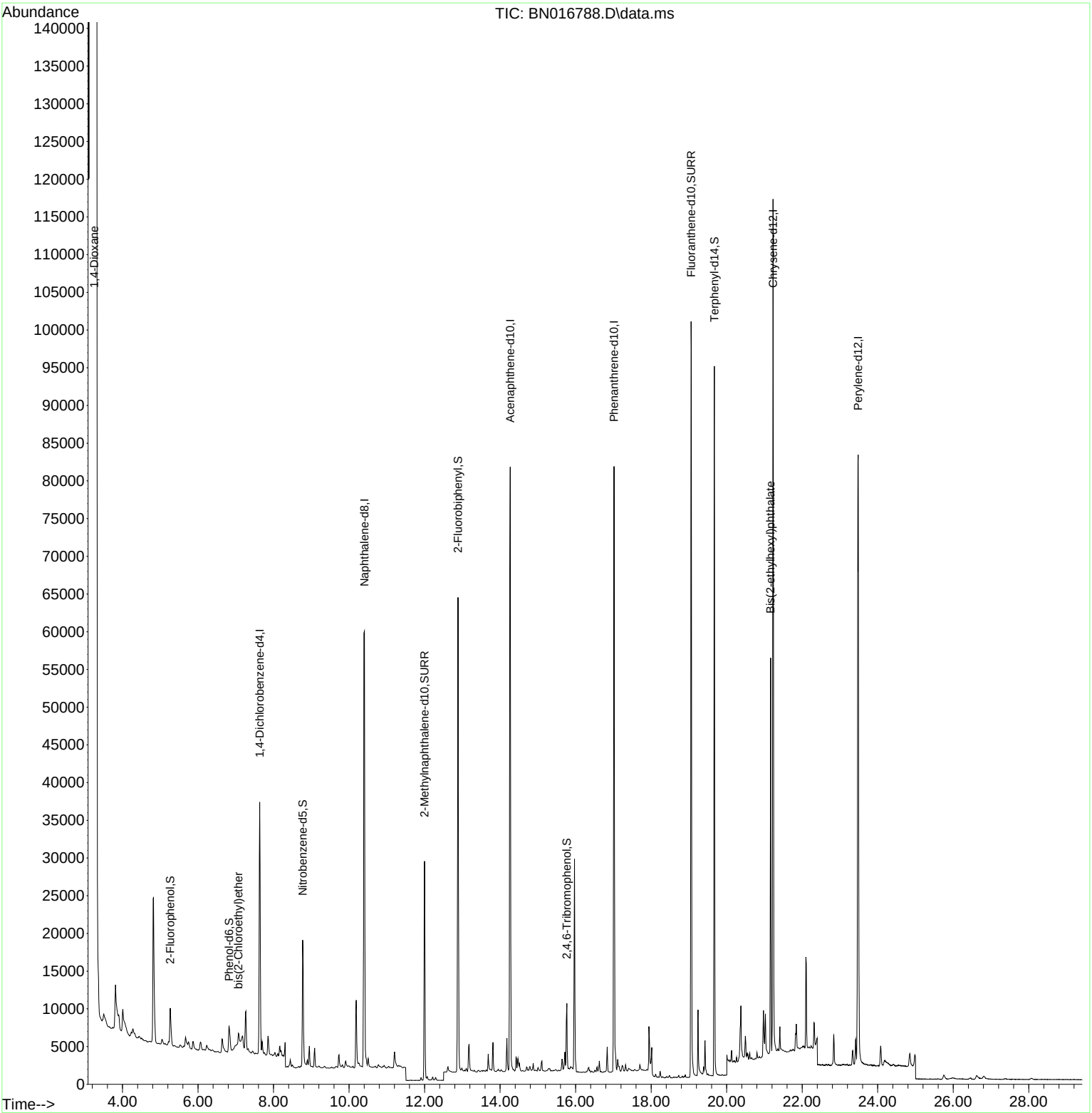
Quantitation Report (QT Reviewed)

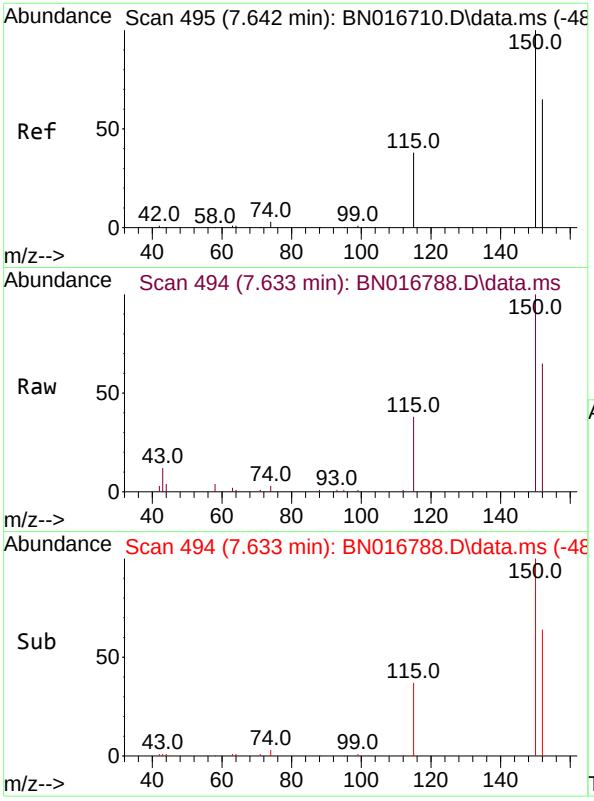
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016788.D
Acq On : 06 Oct 2021 20:29
Operator : CG/JU
Sample : M3915-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 07 00:59:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM

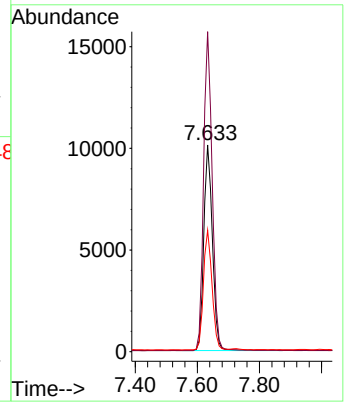


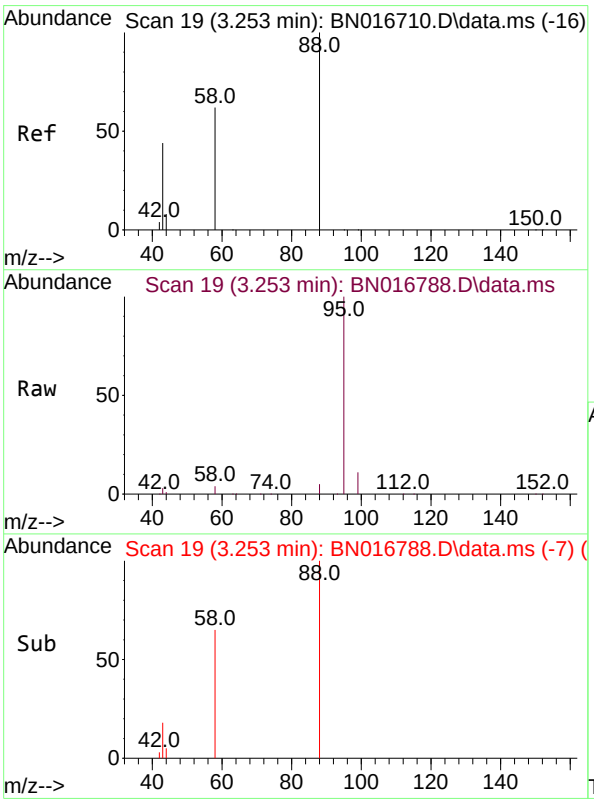


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:152 Resp: 19479

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.3	184.9
115	58.7	47.0	70.6

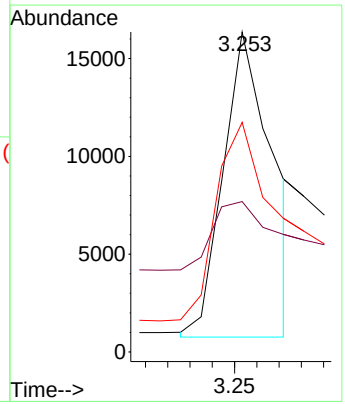




#2
1,4-Dioxane
Concen: 2.640 ng m
RT: 3.253 min Scan# 19
Delta R.T. 0.009 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

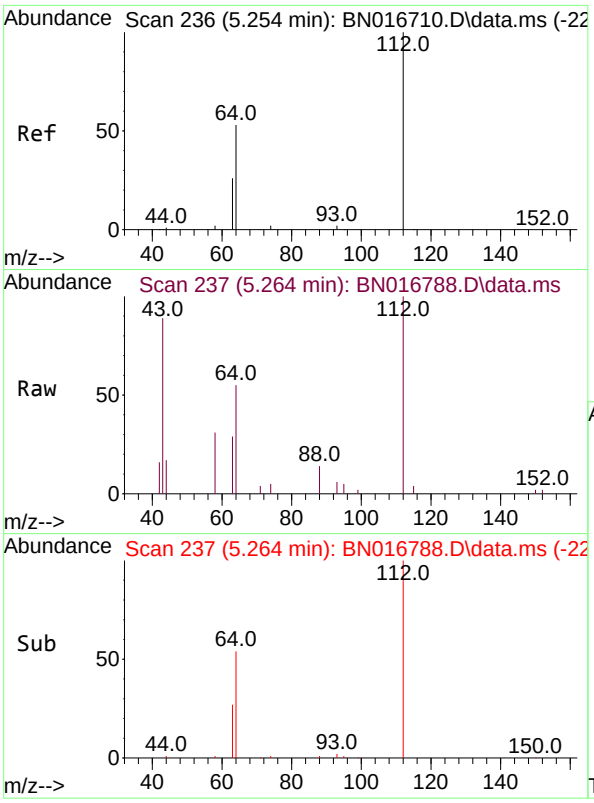
Tgt Ion: 88 Resp: 24001

Ion	Ratio	Lower	Upper
88	100		
43	22.2	61.7	92.5#
58	59.4	62.2	93.2#



Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

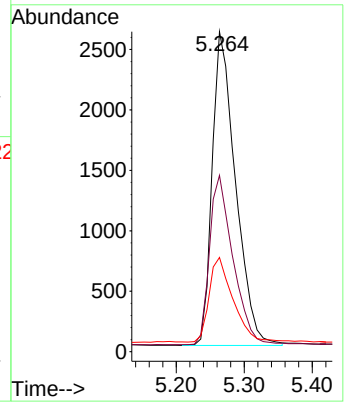
Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM



#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

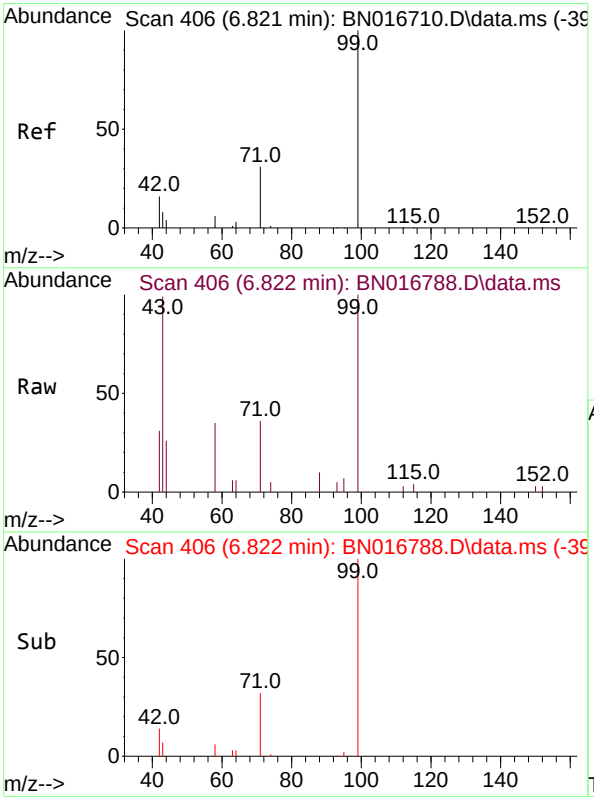
Tgt Ion:112 Resp: 6195

Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.9	64.3
63	27.6	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

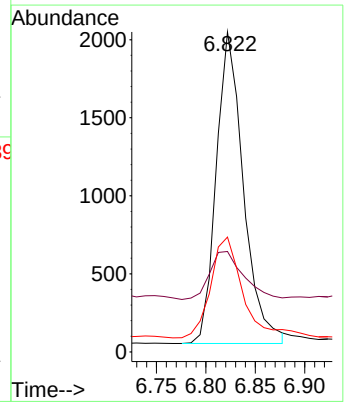
Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM

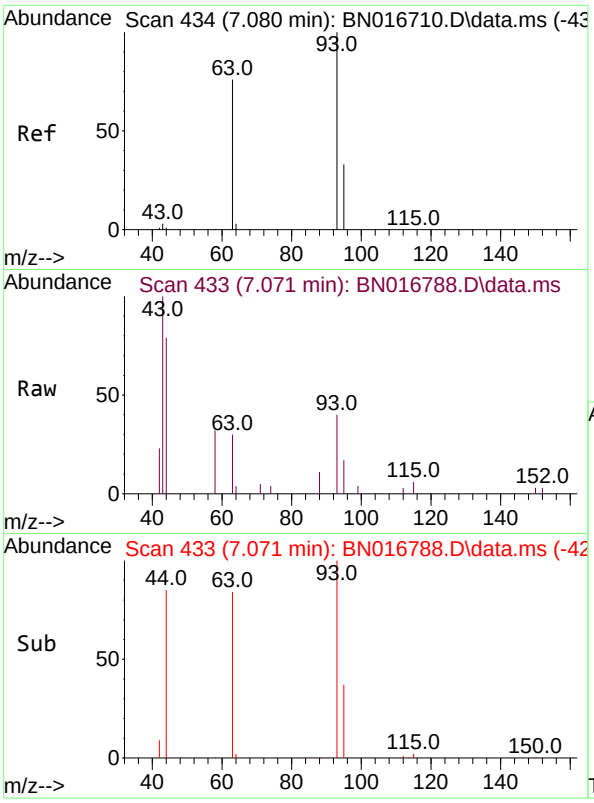


#5
Phenol-d6
Concen: 0.069 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 99 Resp: 3812

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.4	20.2
71	36.7	24.0	36.0#

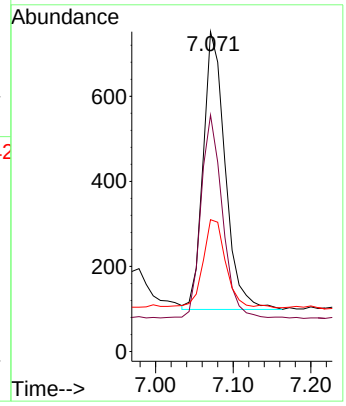




#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.071 min Scan# 433
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

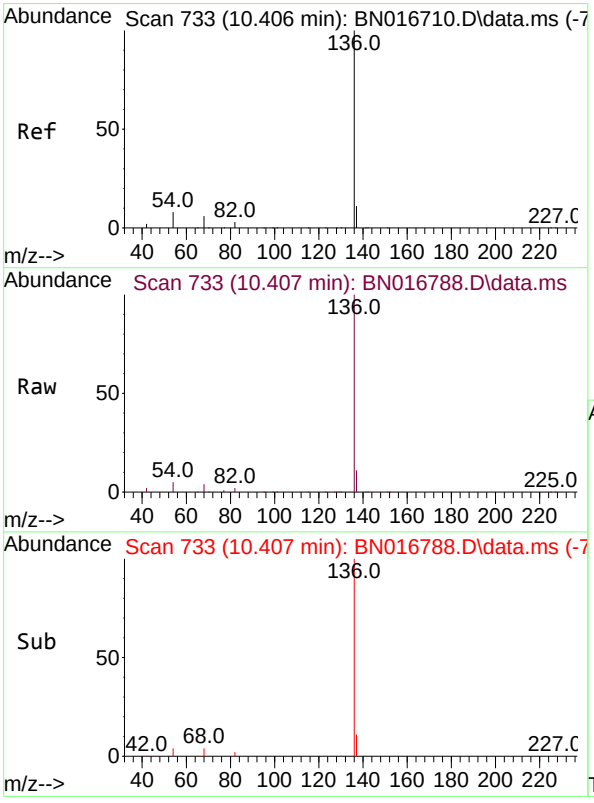
Tgt Ion: 93 Resp: 1287

Ion	Ratio	Lower	Upper
93	100		
63	71.1	59.0	88.6
95	33.3	26.4	39.6



Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

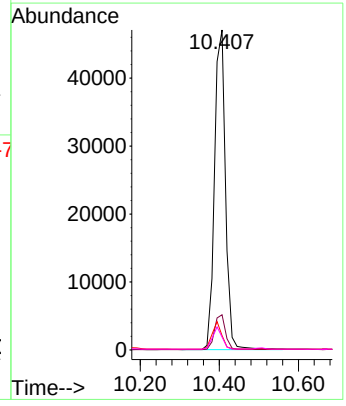
Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM

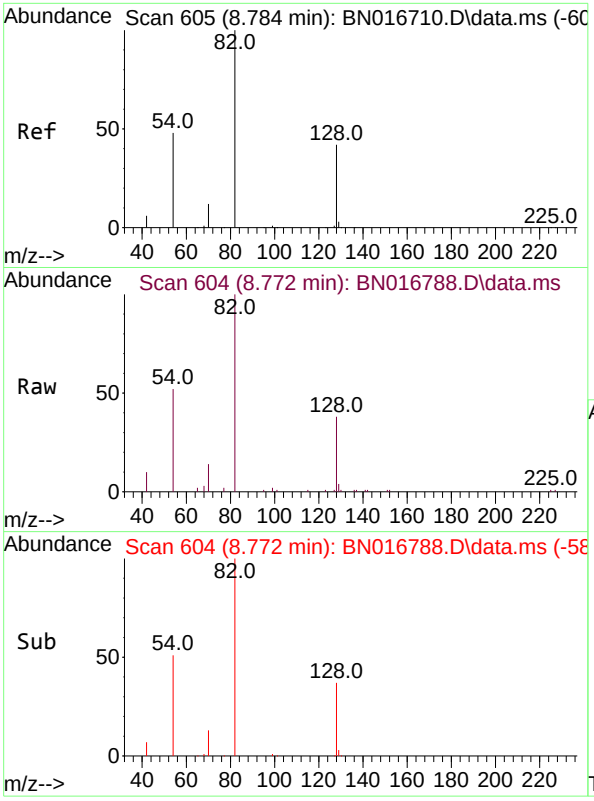


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:136 Resp: 90283

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	4.5	6.5	9.7#
68	4.0	5.3	7.9#

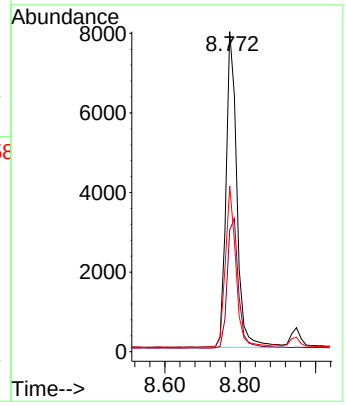


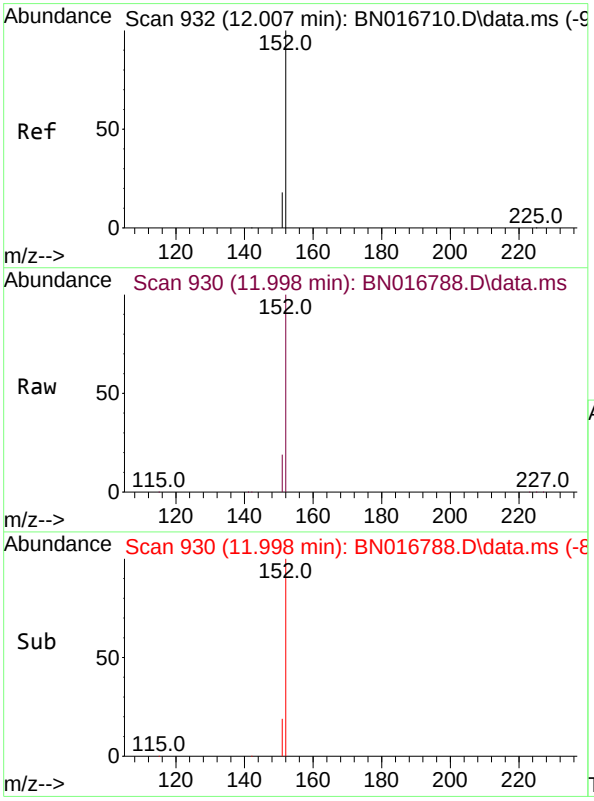


#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 82 Resp: 15935

Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.8	50.6
54	51.7	38.5	57.7

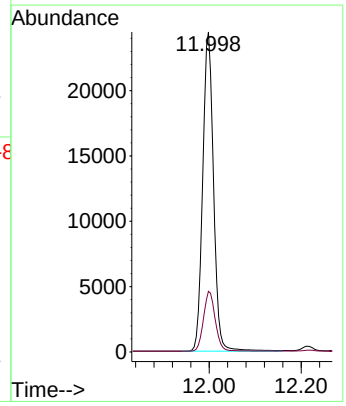




#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

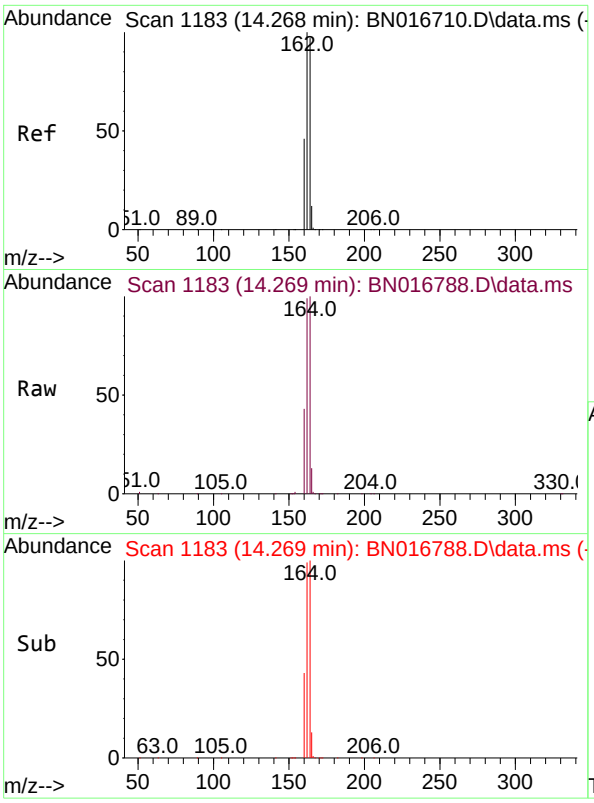
Tgt Ion:152 Resp: 39870

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

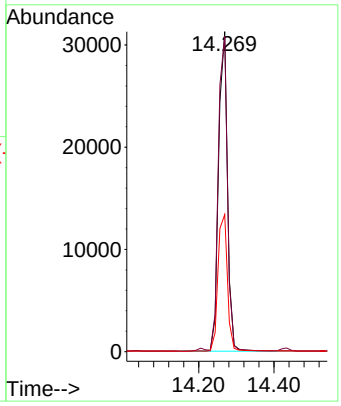
Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM

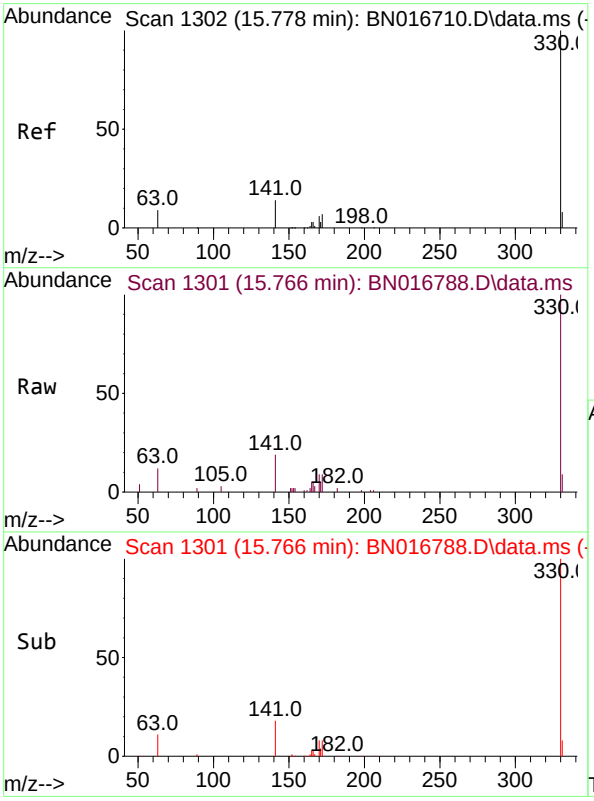


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:164 Resp: 51113

Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.6	124.0
160	42.9	38.2	57.2

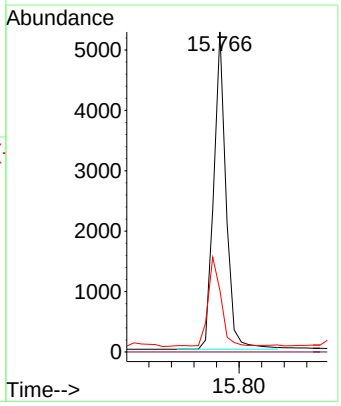




#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

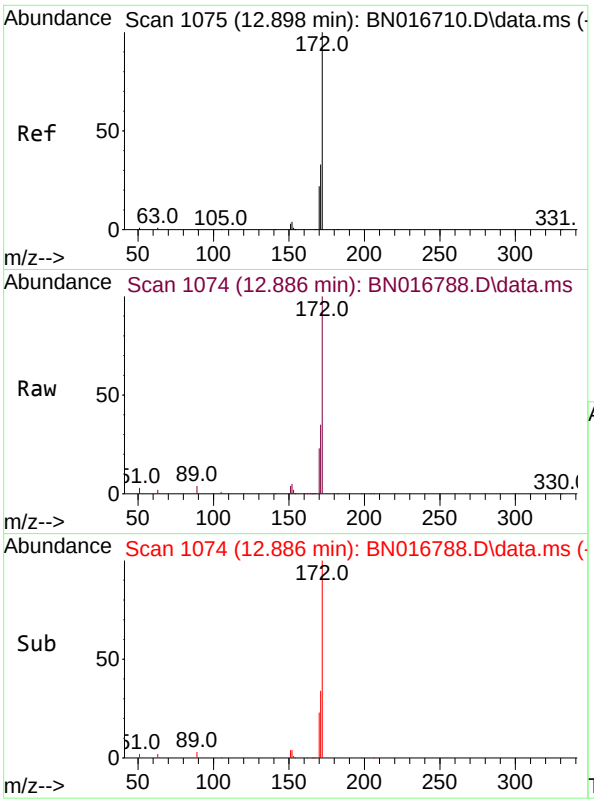
Tgt Ion:330 Resp: 7973

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.4	24.2	36.2



Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

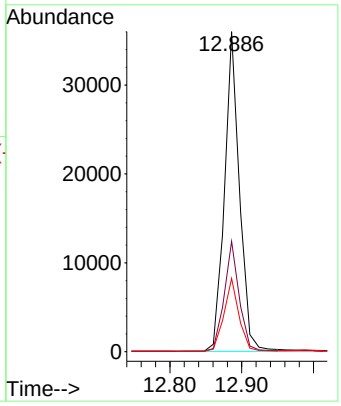
Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM

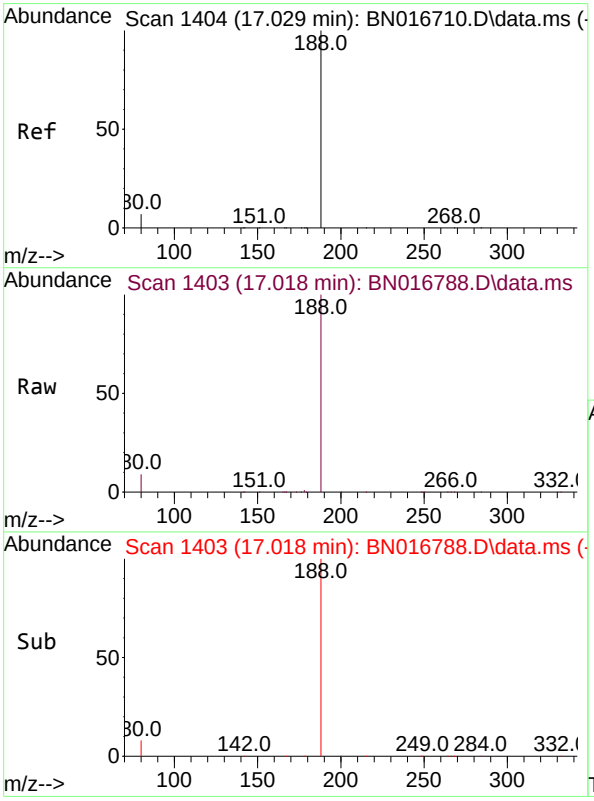


#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:172 Resp: 51840

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.9	40.3
170	22.9	17.4	26.0

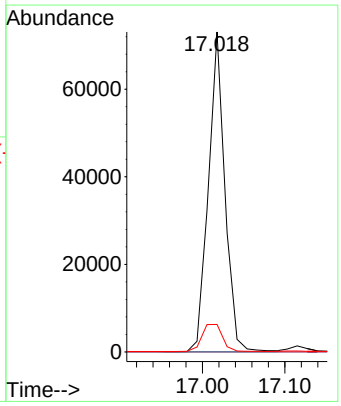




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

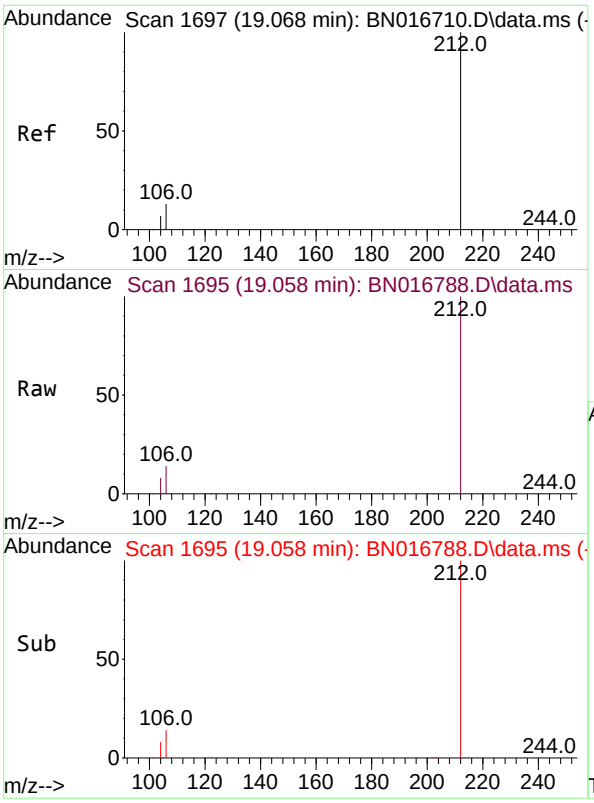
Tgt Ion:188 Resp: 101532

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	5.8	8.8



Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

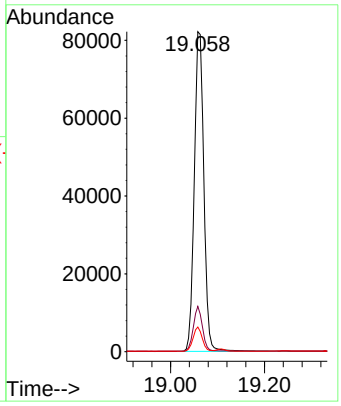
Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM



#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

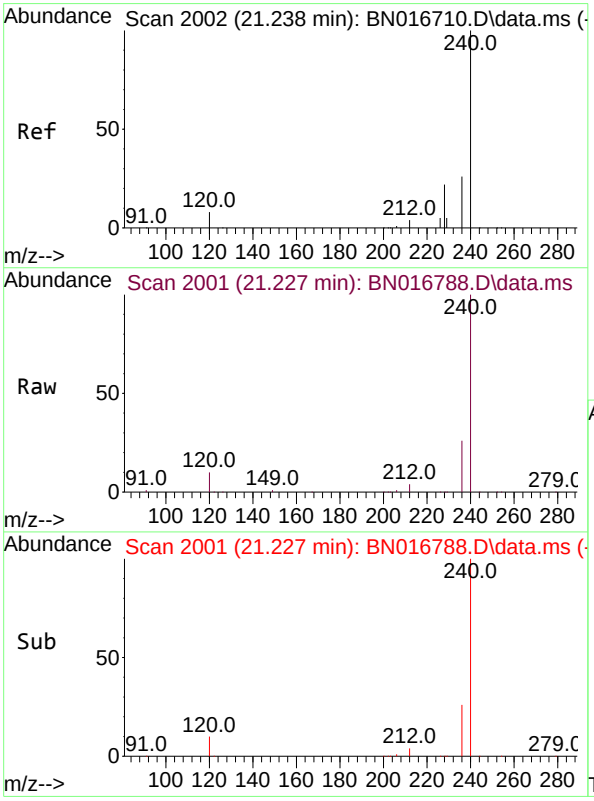
Tgt Ion:212 Resp: 115876

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.2	5.8	8.8



Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

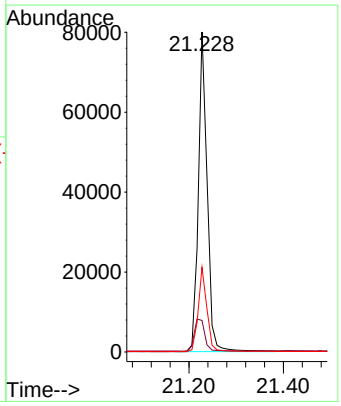
Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM

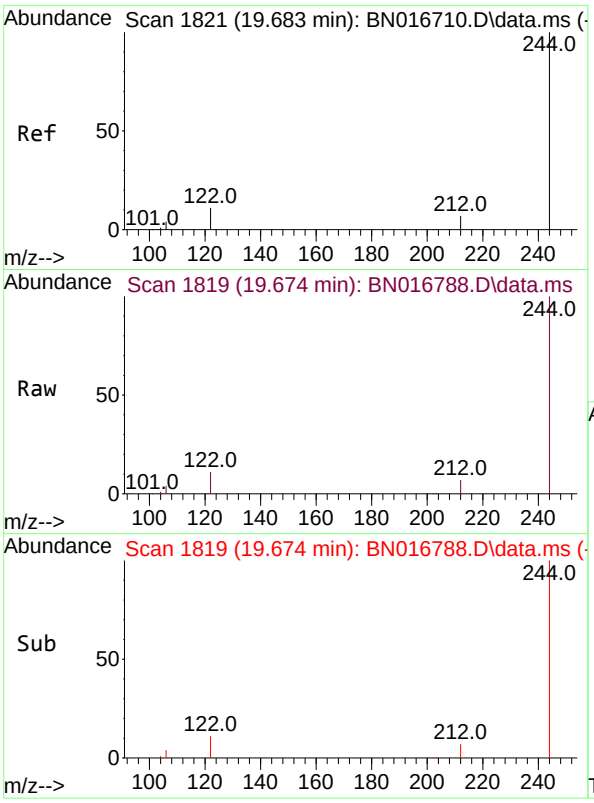


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:240 Resp: 104010

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.6	10.0
236	26.4	20.7	31.1

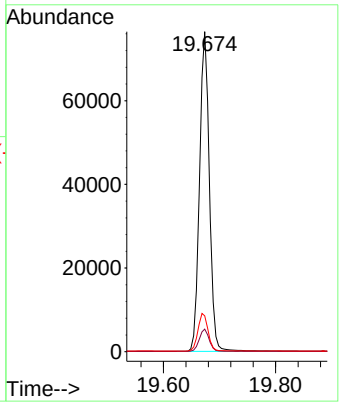


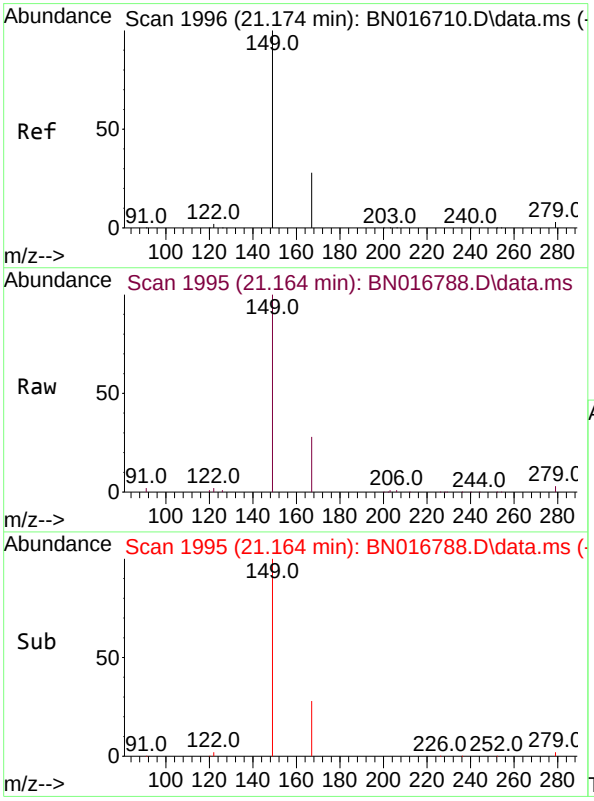


#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:244 Resp: 92658

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	11.2	8.9	13.3

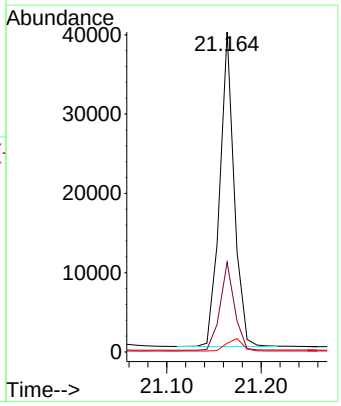




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.215 ng
RT: 21.164 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

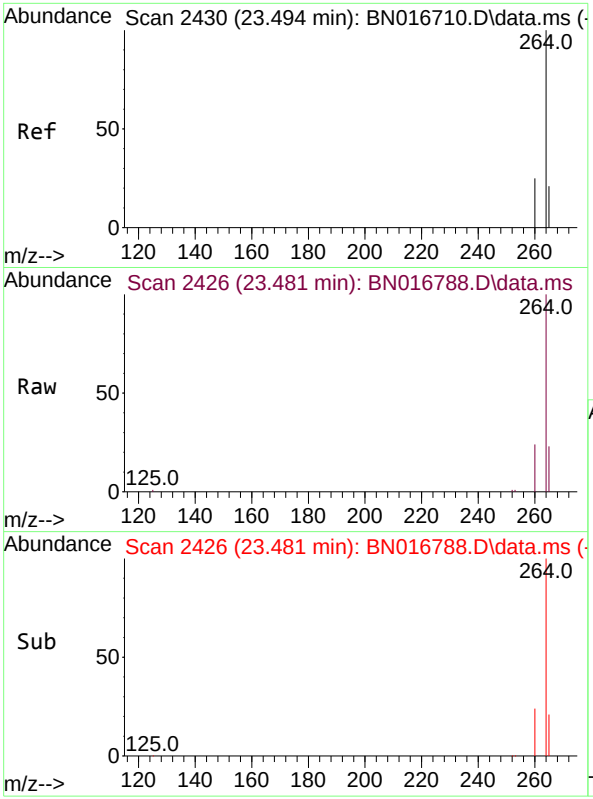
Tgt Ion:149 Resp: 42077

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.5	3.4	5.2



Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

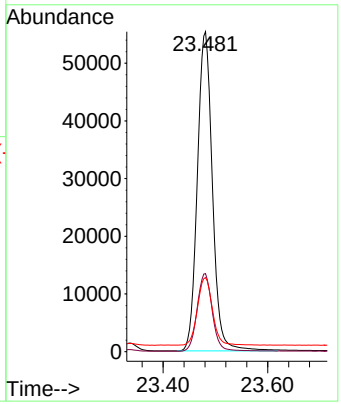
Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:264 Resp: 110669

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	23.1	20.3	30.5



Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

Manual Integrations APPROVED
mohammad
10/7/2021 8:51:34 AM