Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043677.D
Acq On : 18 Nov 2019 17:36
Operator : JU
Sample : K5804-01DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM

Quant Time: Nov 19 01:53:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	24303	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	93982	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	70081	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	169397	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	190214	20.00	ng	-0.02
87) Perylene-d12	24.82	264	221226	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	7218	5.44	ng	0.00
7) Phenol-d6	7.20	99	6270	3.29	ng	0.00
23) Nitrobenzene-d5	9.17	82	11042	6.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	7959	5.97	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	42507	8.38	ng	-0.02
79) Terphenyl-d14	19.98	244	91784	9.05	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.85	128	169875	35.610	ng	98
37) 2-Methylnaphthalene	12.46	142	28494	7.785	ng	96
38) 1-Methylnaphthalene	12.67	142	17360m	4.985	ng	

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

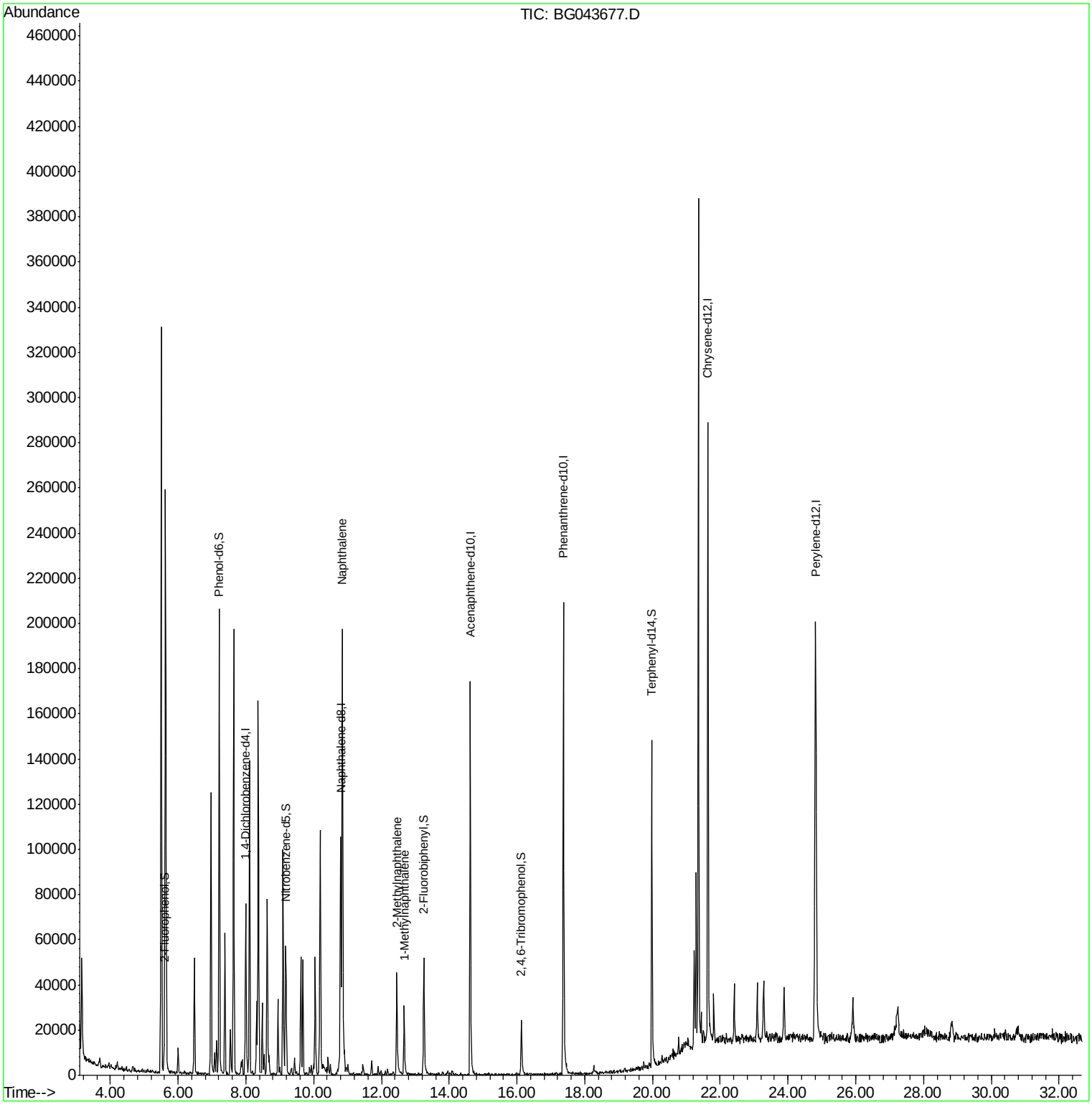
Quantitation Report (QT Reviewed)

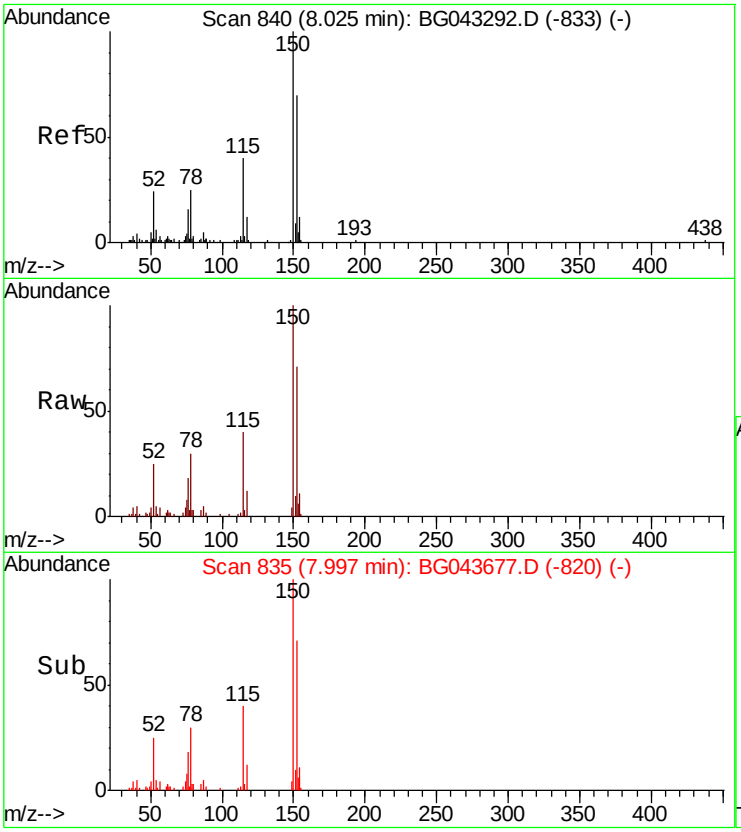
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043677.D
Acq On : 18 Nov 2019 17:36
Operator : JU
Sample : K5804-01DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 01:53:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM

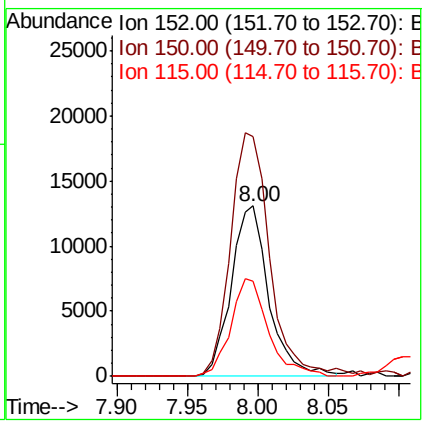




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

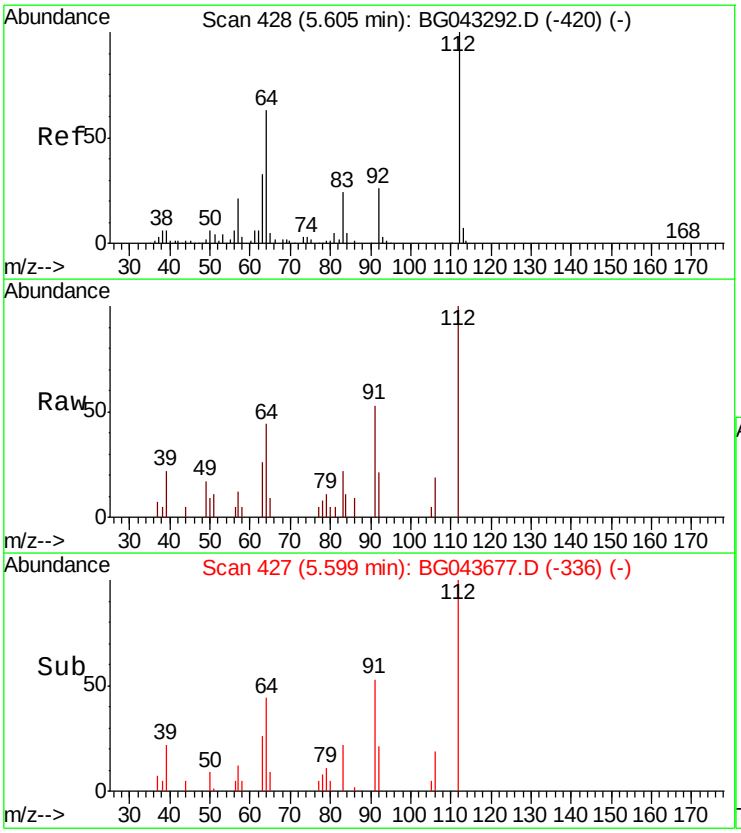
Tgt Ion:152 Resp: 24303

Ion	Ratio	Lower	Upper
152	100		
150	141.1	129.4	194.0
115	55.9	48.8	73.2



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

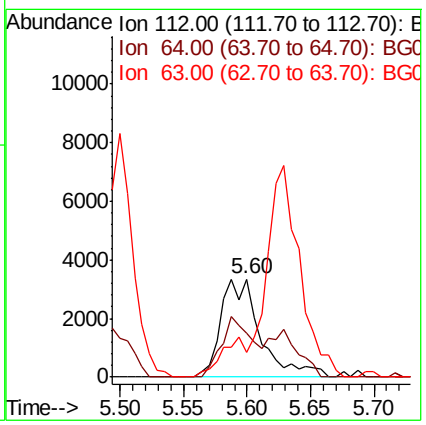
Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM

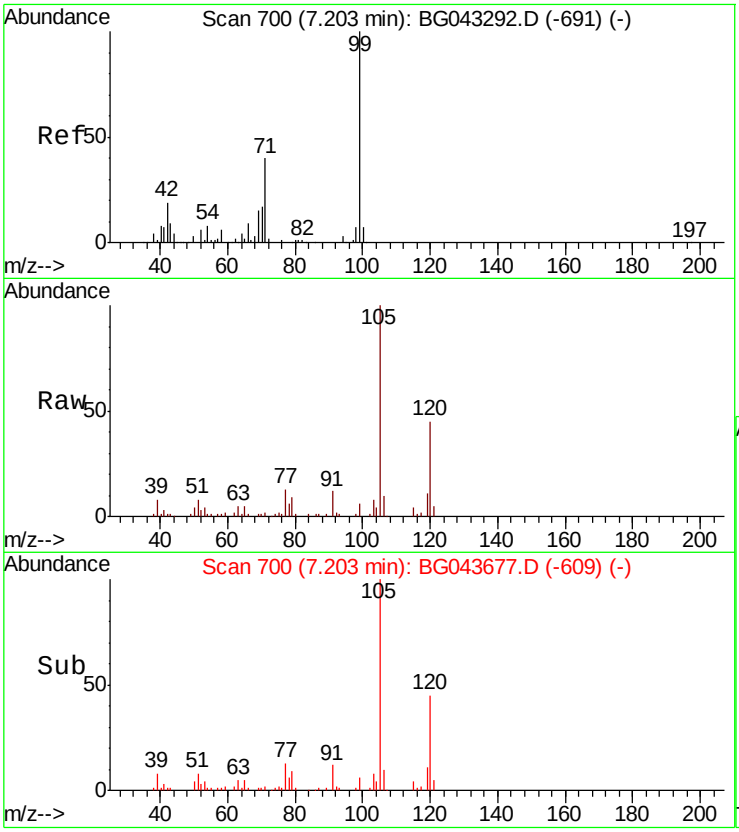


#5
2-Fluorophenol
Concen: 5.442 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:112 Resp: 7218

Ion	Ratio	Lower	Upper
112	100		
64	44.3	50.0	75.0#
63	25.6	26.6	40.0#

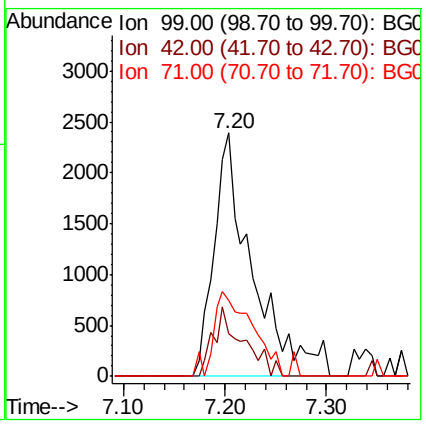




#7
Phenol-d6
Concen: 3.286 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

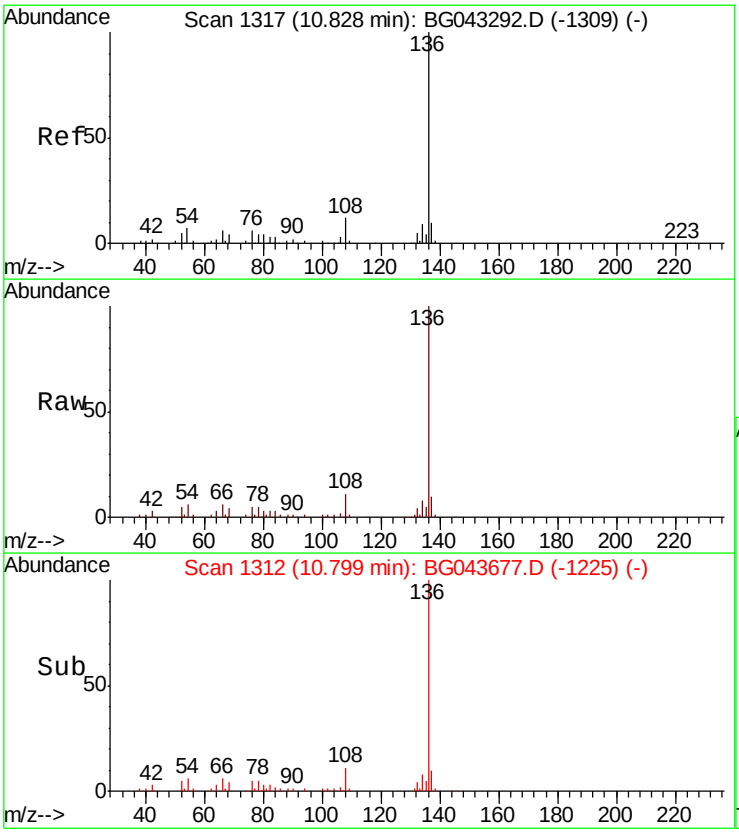
Tgt Ion: 99 Resp: 6270

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	31.2	32.5	48.7#



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

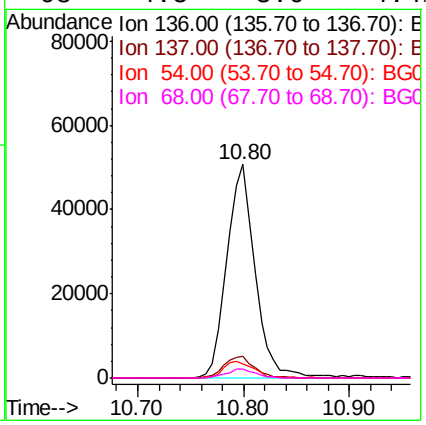
Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM

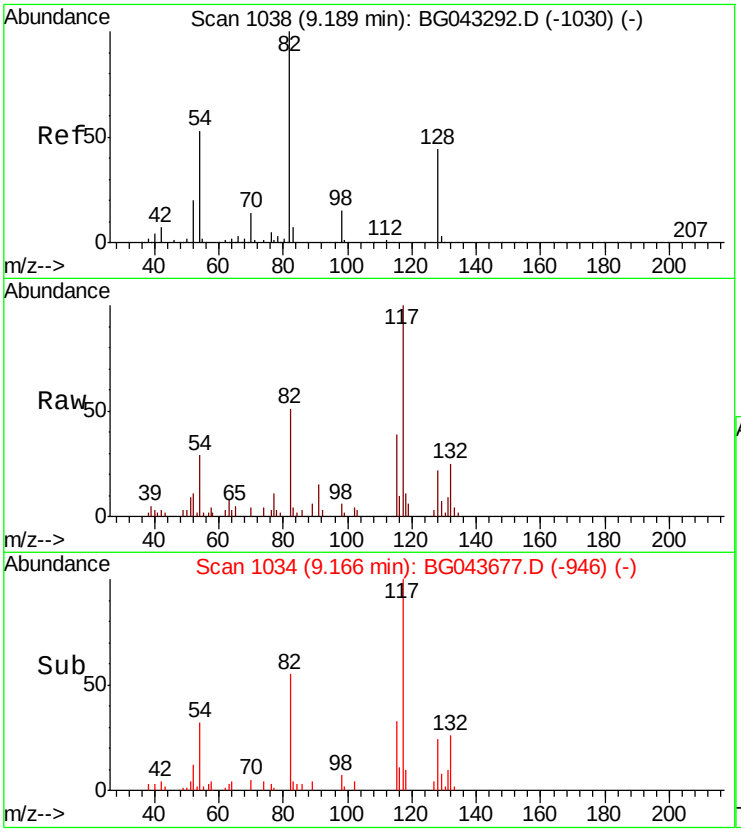


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:136 Resp: 93982

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	6.4	5.4	8.2
68	4.5	3.0	4.4#

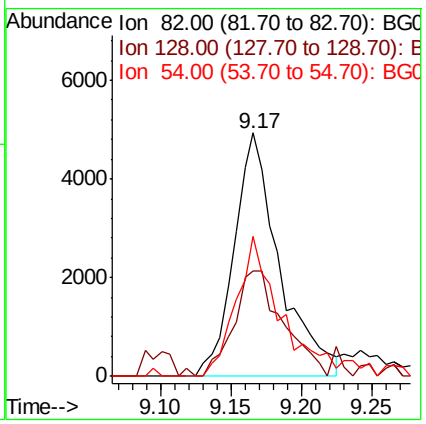




#23
Nitrobenzene-d5
Concen: 6.057 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

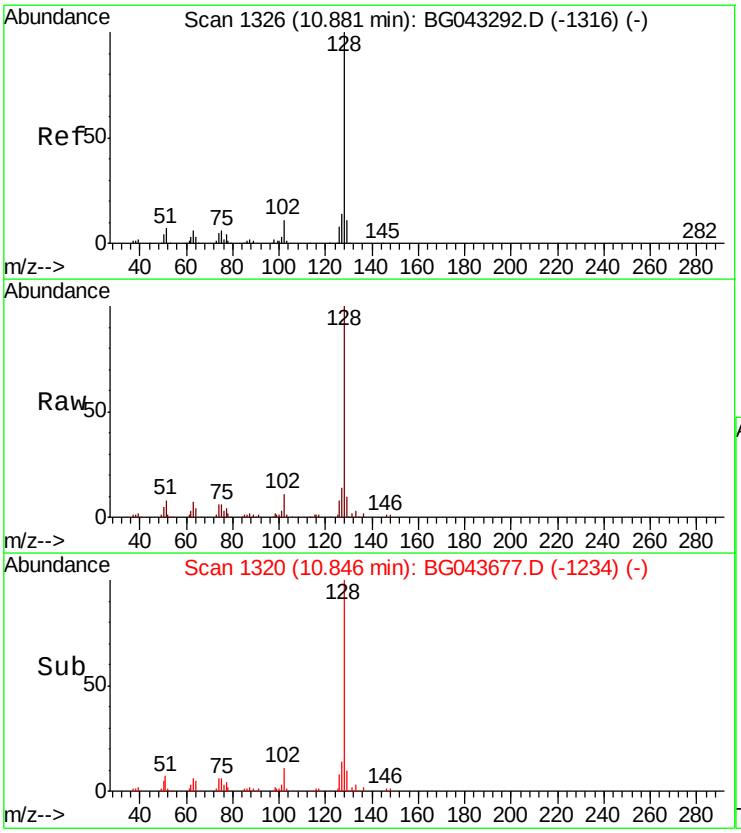
Tgt Ion: 82 Resp: 11042

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.6
54	57.3	40.2	60.2



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

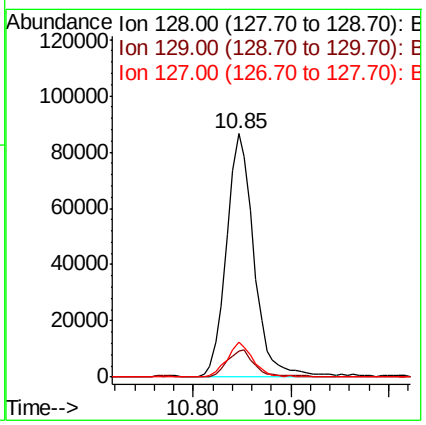
Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM

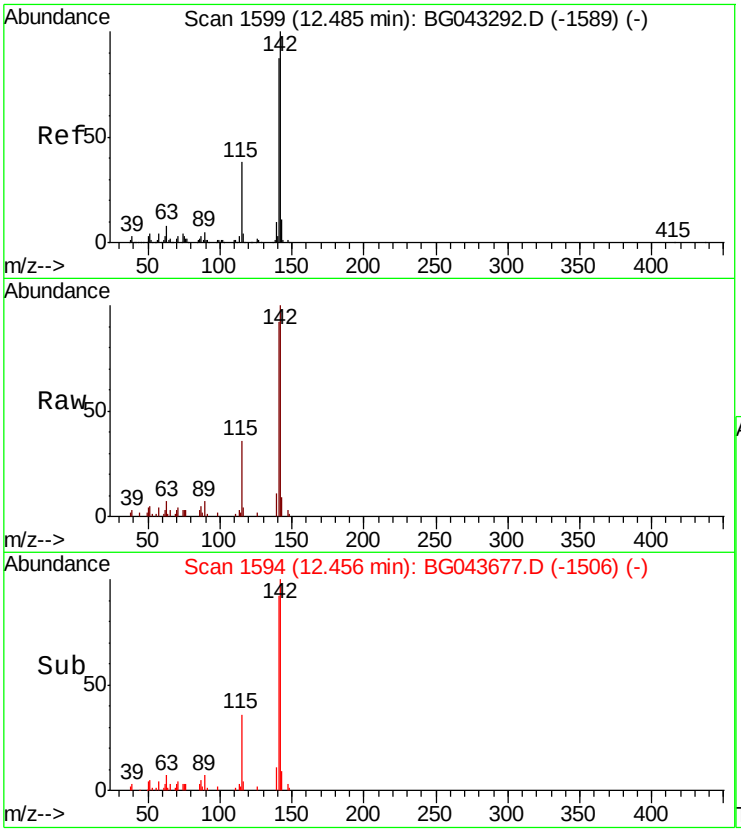


#31
Naphthalene
Concen: 35.610 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:128 Resp: 169875

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	14.2	11.1	16.7

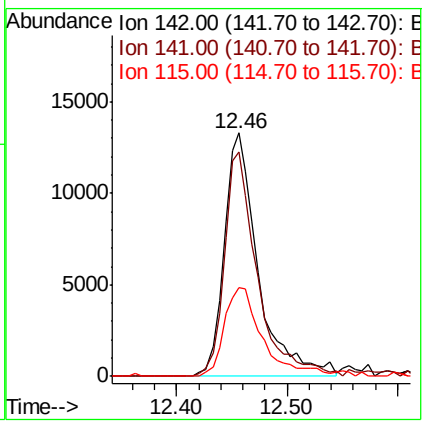




#37
2-Methylnaphthalene
Concen: 7.785 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

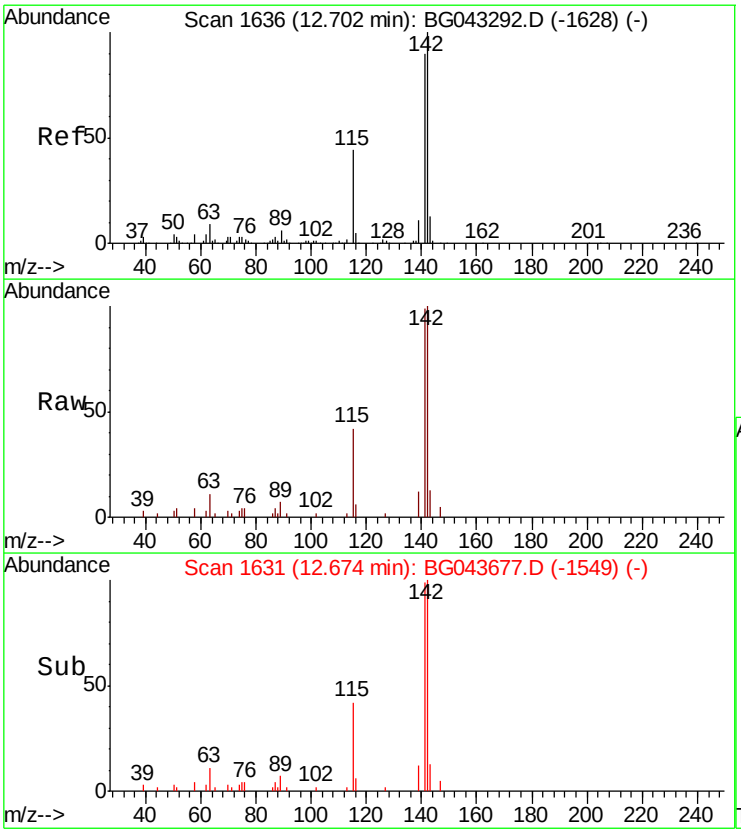
Tgt Ion:142 Resp: 28494

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.2	108.2
115	36.3	33.2	49.8



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

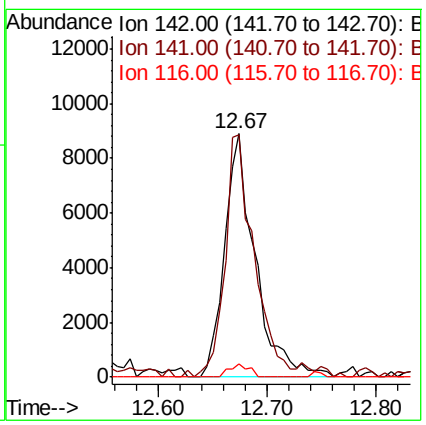
Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM

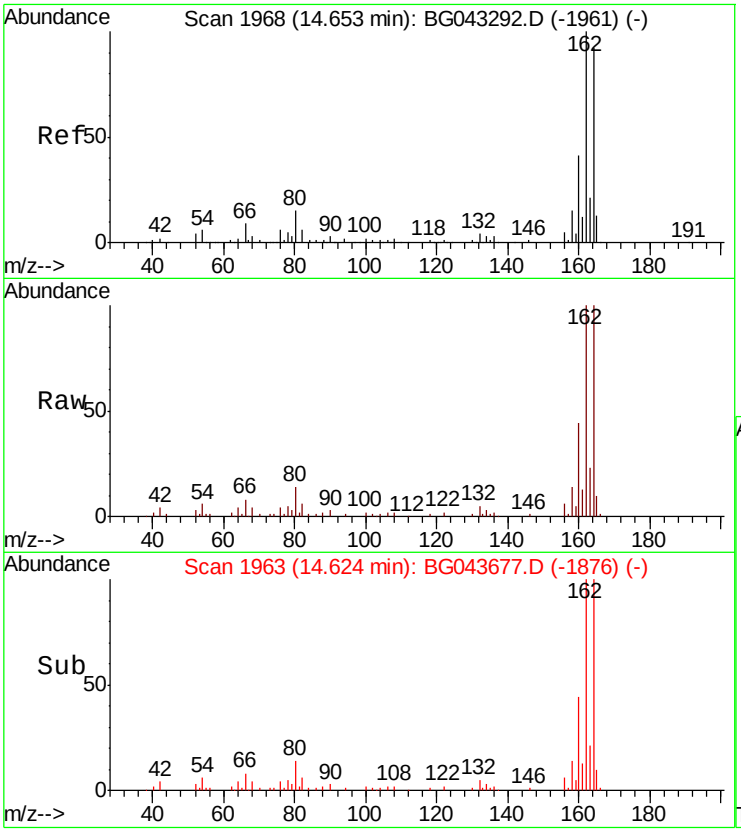


#38
1-Methylnaphthalene
Concen: 4.985 ng m
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:142 Resp: 17360

Ion	Ratio	Lower	Upper
142	100		
141	99.4	73.2	109.8
116	5.5	3.6	5.4#

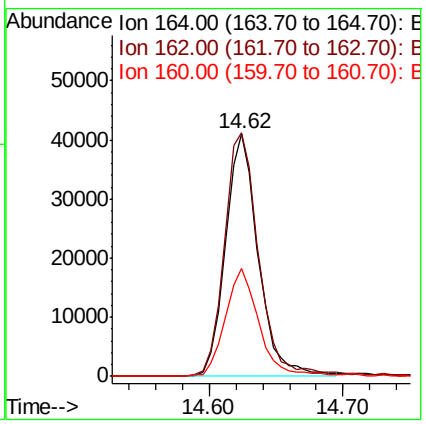




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

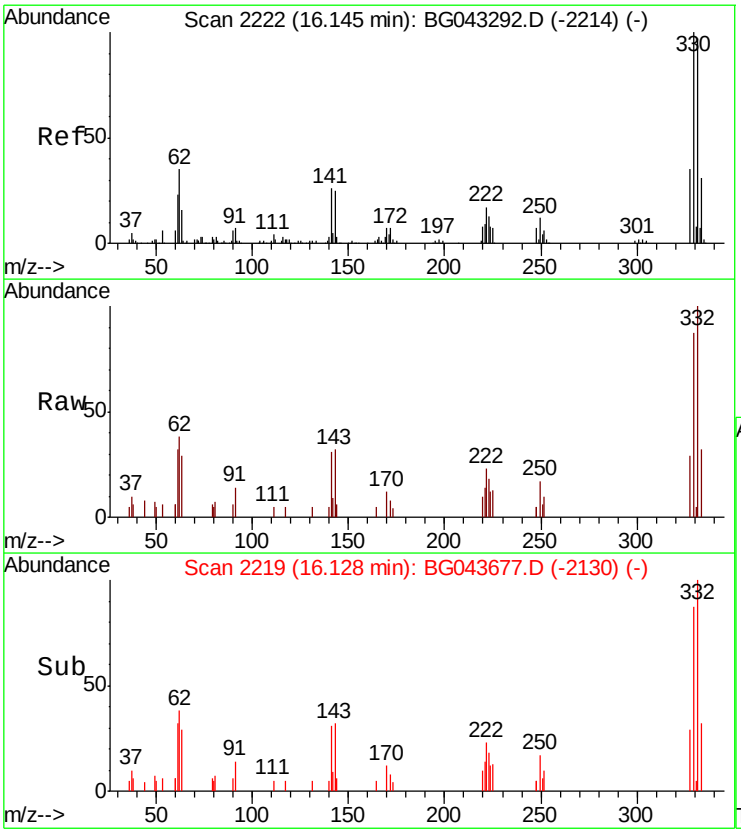
Tgt Ion:164 Resp: 70081

Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.5	125.3
160	44.4	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

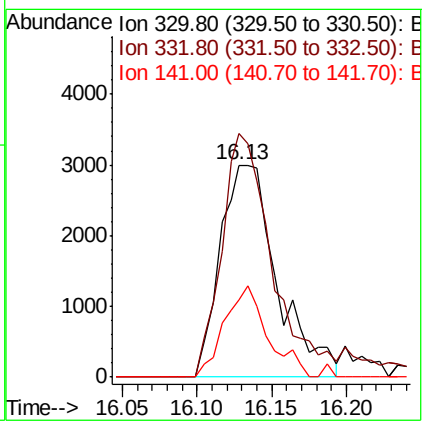
Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM

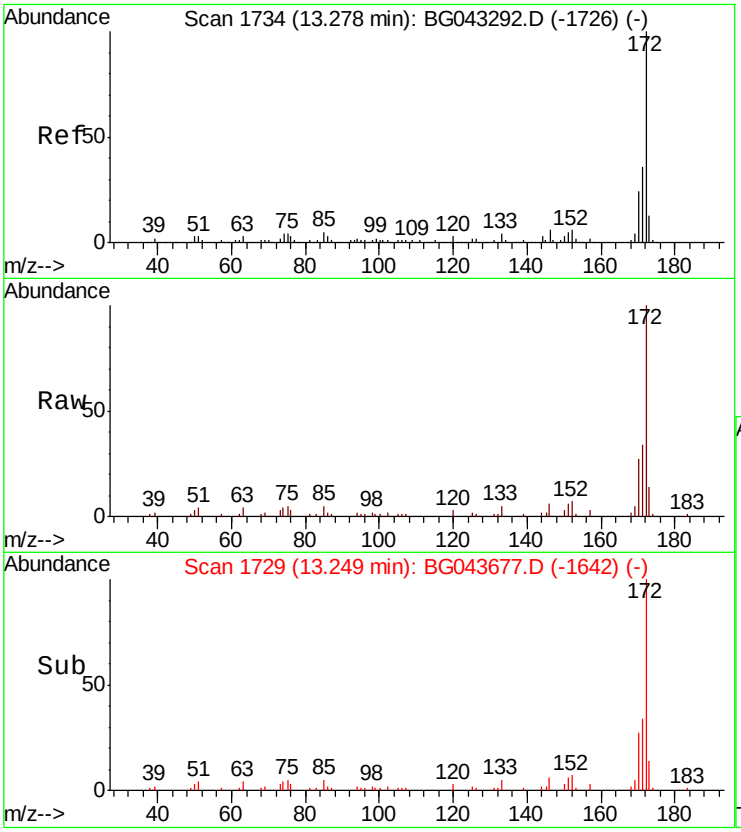


#42
2,4,6-Tribromophenol
Concen: 5.968 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:330 Resp: 7959

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.4	116.0
141	32.7	22.8	34.2

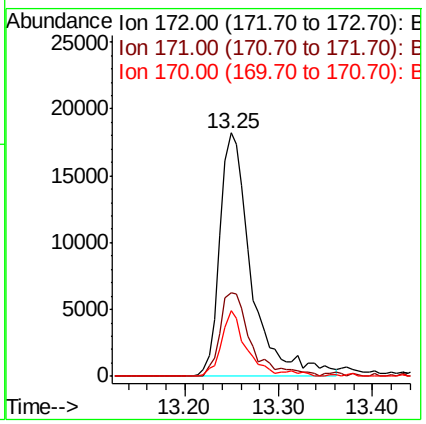




#45
2-Fluorobiphenyl
Concen: 8.381 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

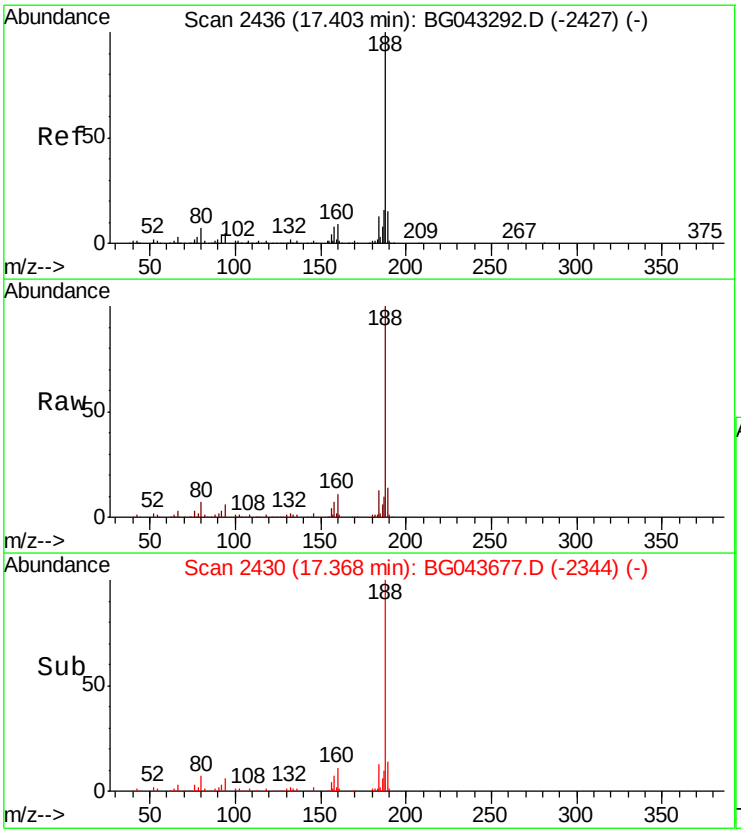
Tgt Ion:172 Resp: 42507

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.9	43.3
170	26.9	18.5	27.7



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

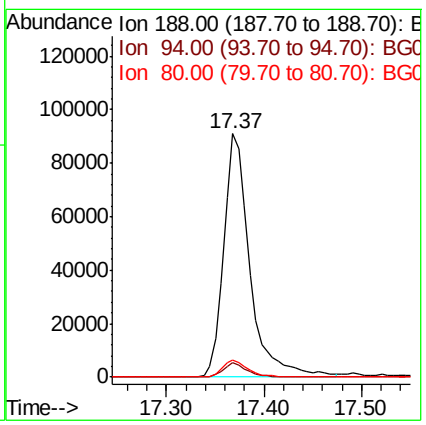
Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM

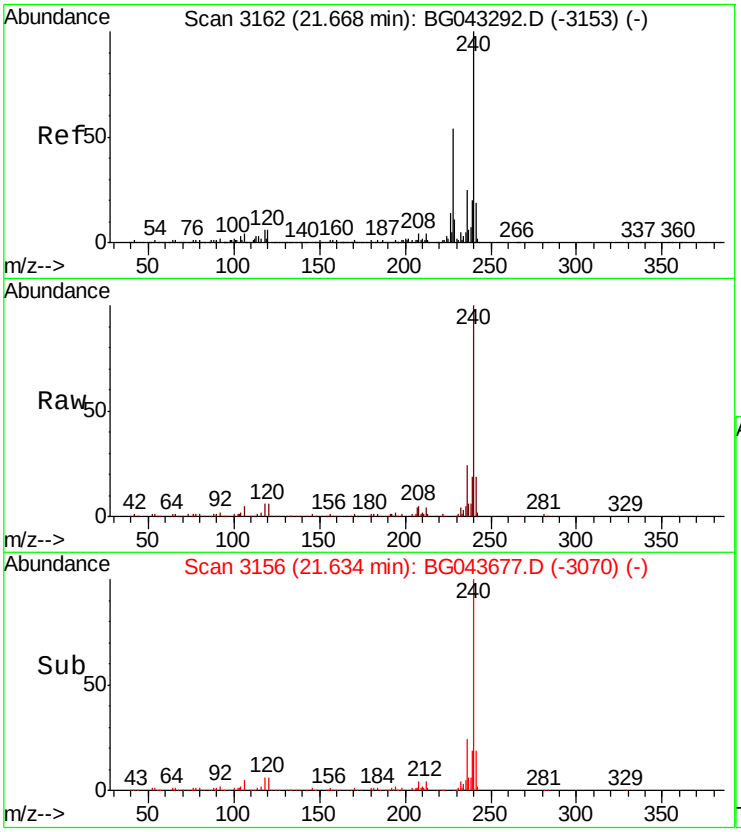


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:188 Resp: 169397

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.4
80	7.2	4.5	6.7#

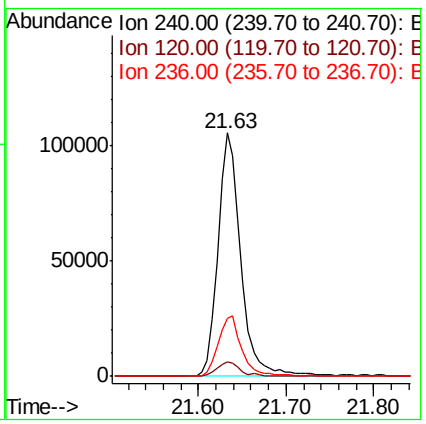




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

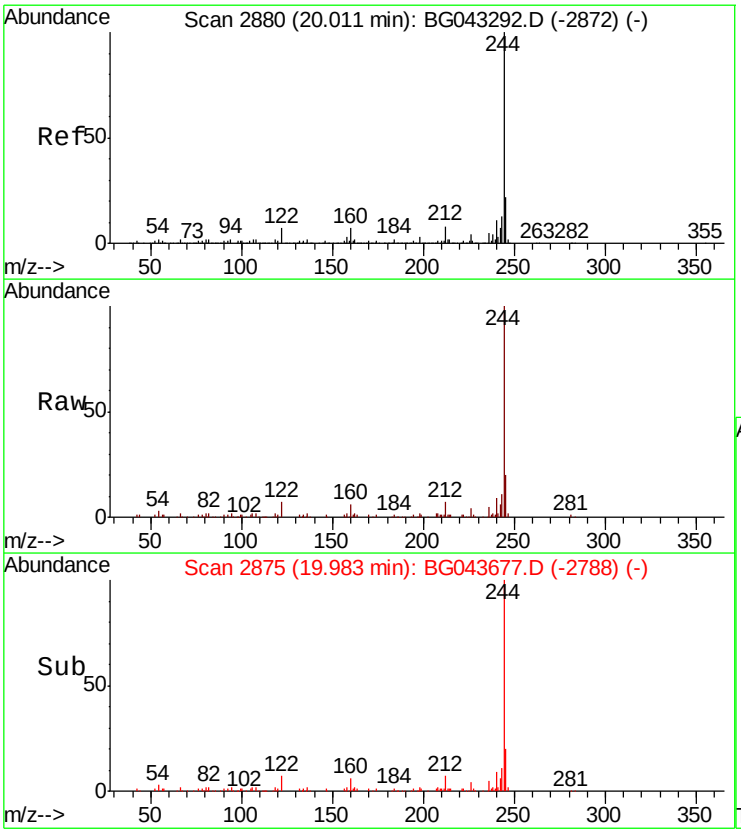
Tgt Ion:240 Resp: 190214

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	6.8
236	24.0	19.8	29.8



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

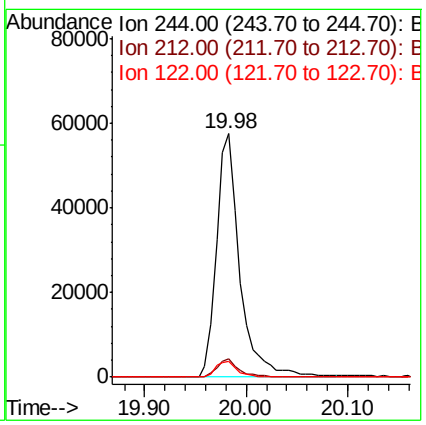
Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM

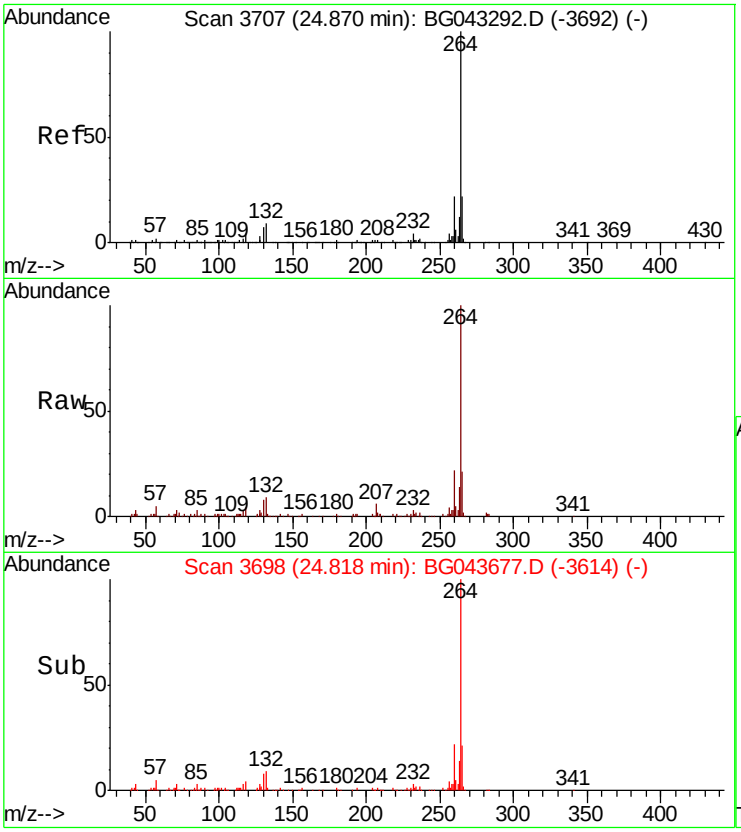


#79
Terphenyl-d14
Concen: 9.053 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:244 Resp: 91784

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	6.7	5.4	8.2

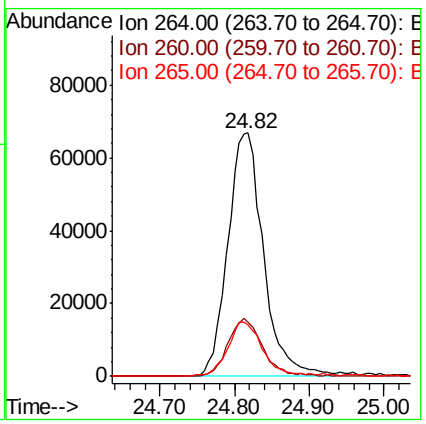




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.03 min
Lab File: BG043677.D
Acq: 18 Nov 2019 17:36

Tgt Ion:264 Resp: 221226

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	21.4	17.4	26.0



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

Manual Integrations APPROVED
mohammad
11/19/2019 2:37:07 PM