Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042519.D
Acq On : 28 Aug 2019 00:38
Operator : HP/JU
Sample : K4526-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

Quant Time: Aug 28 03:47:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41068	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	156985	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	112490	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	259641	20.00	ng		0.00
76) Chrysene-d12	21.68	240	324742	20.00	ng		-0.01
87) Perylene-d12	24.92	264	385254	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	198170	97.73	ng		0.00
7) Phenol-d6	7.16	99	264232	96.47	ng		-0.01
23) Nitrobenzene-d5	9.16	82	149877	65.98	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	168240	105.22	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	469246	70.55	ng		0.00
79) Terphenyl-d14	20.02	244	934863	62.24	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	10790	3.874	ng		89
50) Dimethylphthalate	14.11	163	29945	3.689	ng	#	97
71) Phenanthrene	17.45	178	26465	2.052	ng		95
75) Fluoranthene	19.46	202	72520	4.607	ng		98
78) Pyrene	19.83	202	65898	3.310	ng		98
81) Benzo(a)anthracene	21.67	228	40577	2.054	ng		97
83) Chrysene	21.73	228	43394	2.278	ng		100
88) Benzo(b)fluoranthene	23.89	252	70806	3.343	ng		97
90) Benzo(a)pyrene	24.77	252	48774m	2.427	ng		
92) Benzo(g,h,i)perylene	29.76	276	40930	2.011	ng		94

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

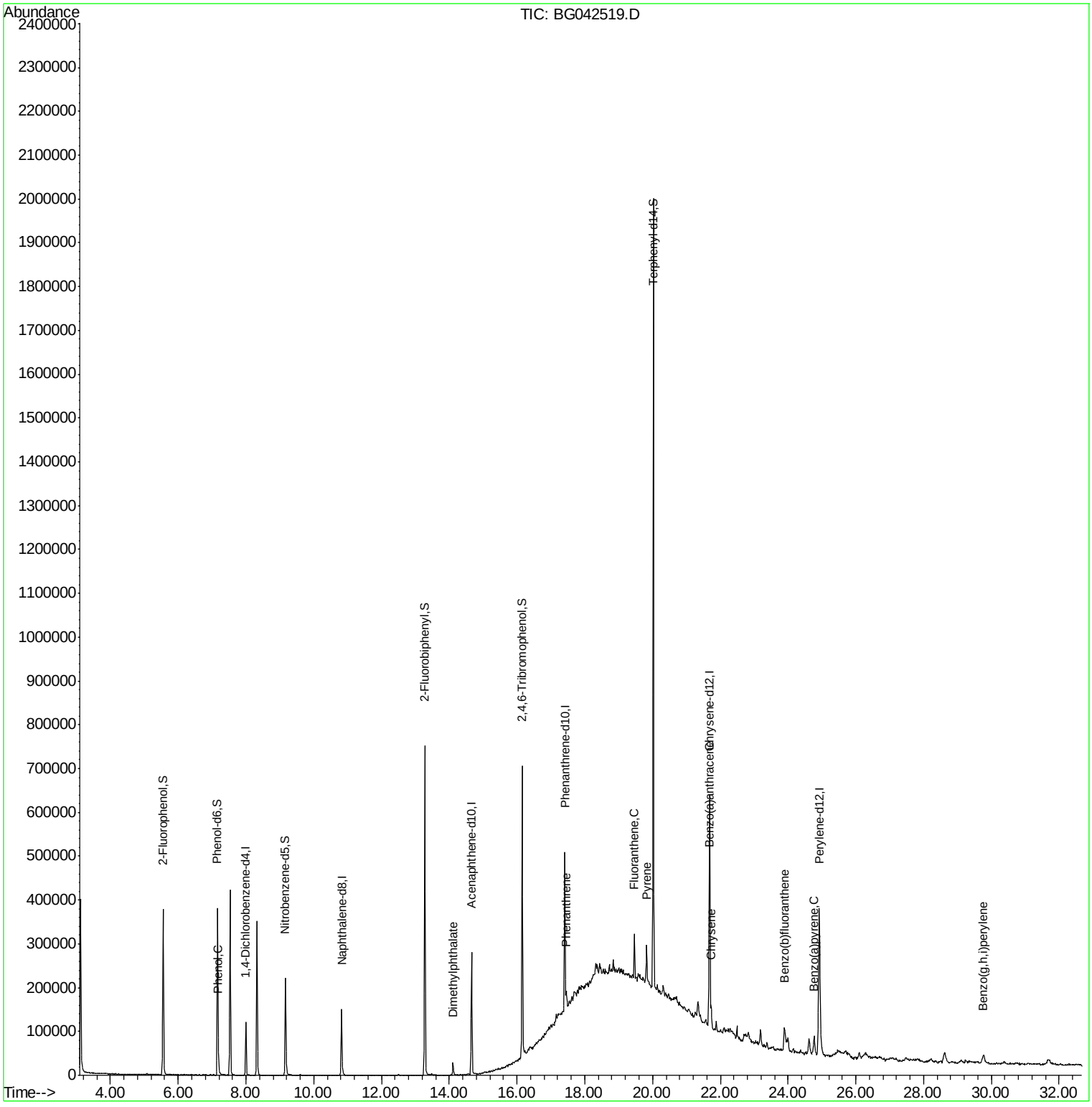
Quantitation Report (LSC Reviewed)

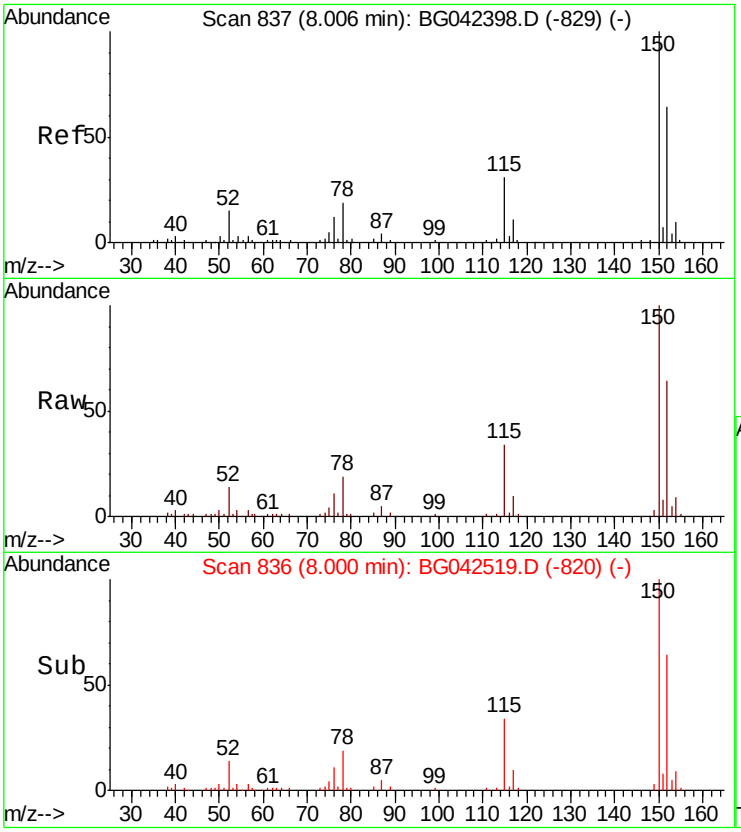
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042519.D
Acq On : 28 Aug 2019 00:38
Operator : HP/JU
Sample : K4526-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 28 03:47:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

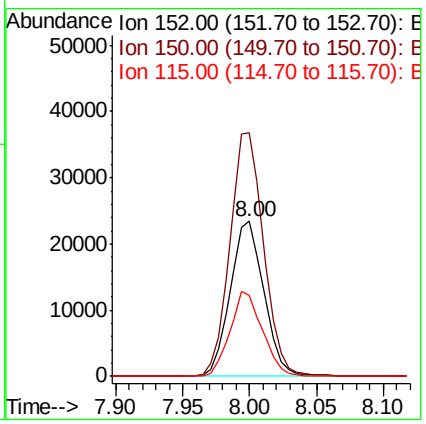




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

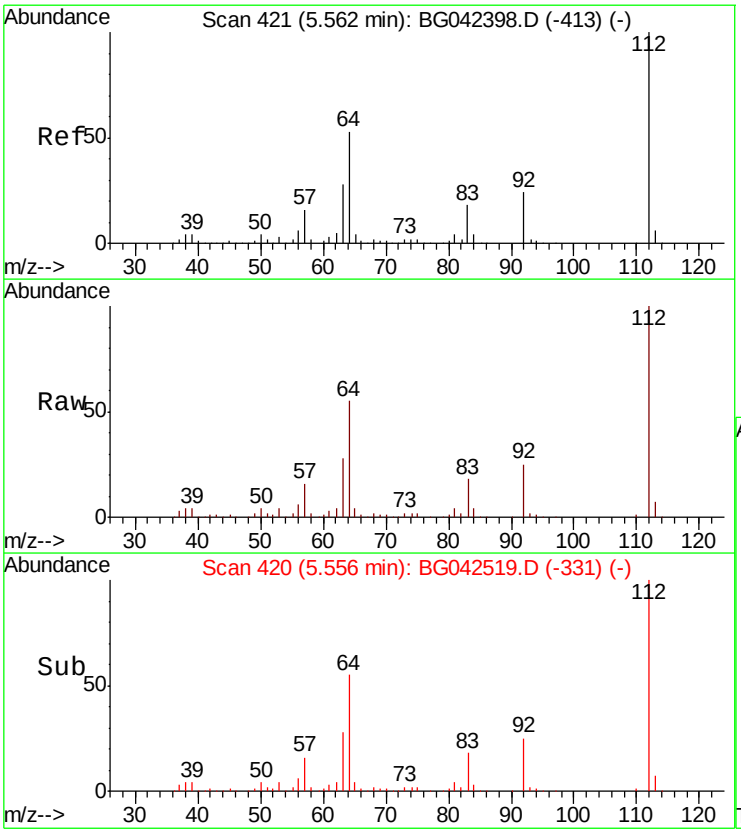
Tgt Ion:152 Resp: 41068

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.4	188.0
115	52.7	38.5	57.7



Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

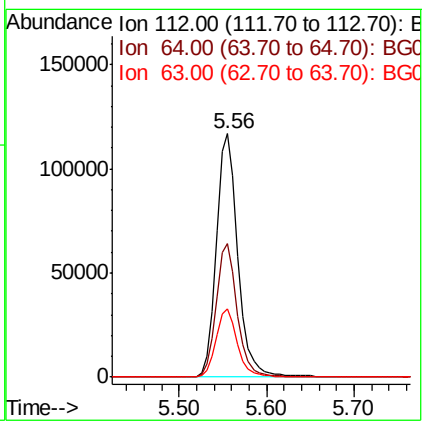
Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

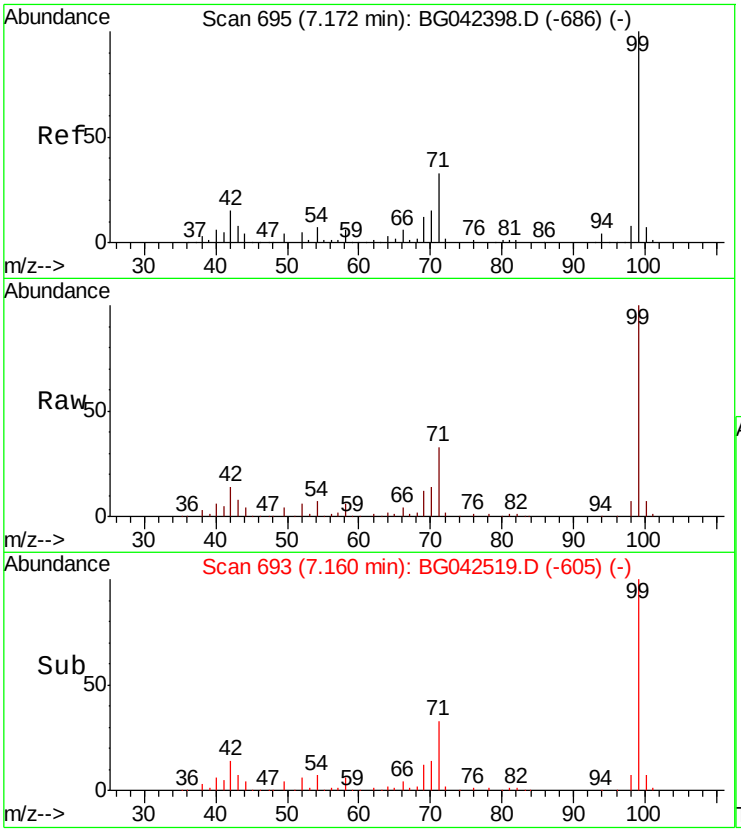


#5
2-Fluorophenol
Concen: 97.729 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion:112 Resp: 198170

Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.8	64.2
63	28.2	22.7	34.1

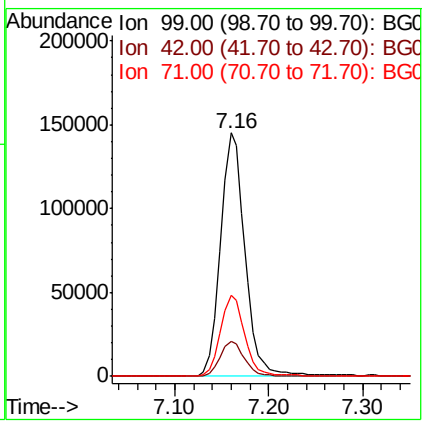




#7
Phenol-d6
Concen: 96.469 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

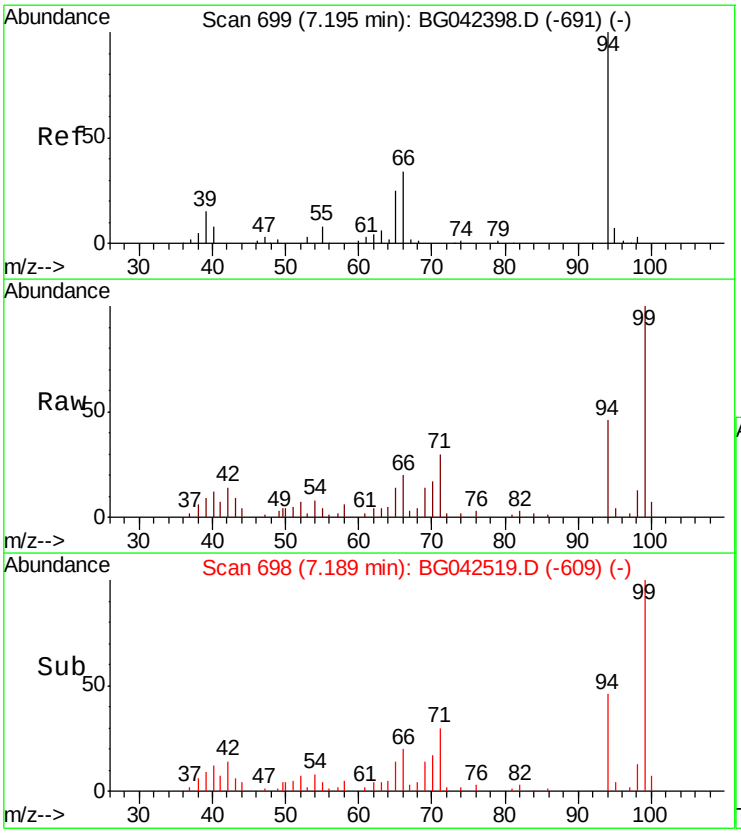
Tgt Ion: 99 Resp: 264232

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	33.4	26.3	39.5



Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

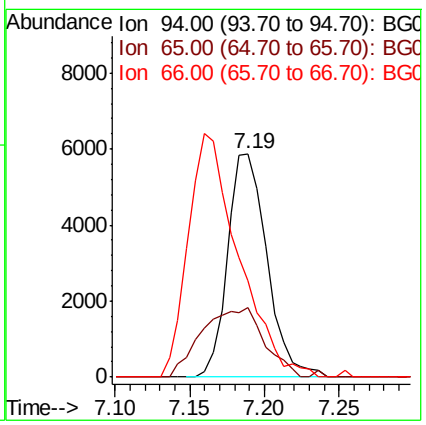
Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

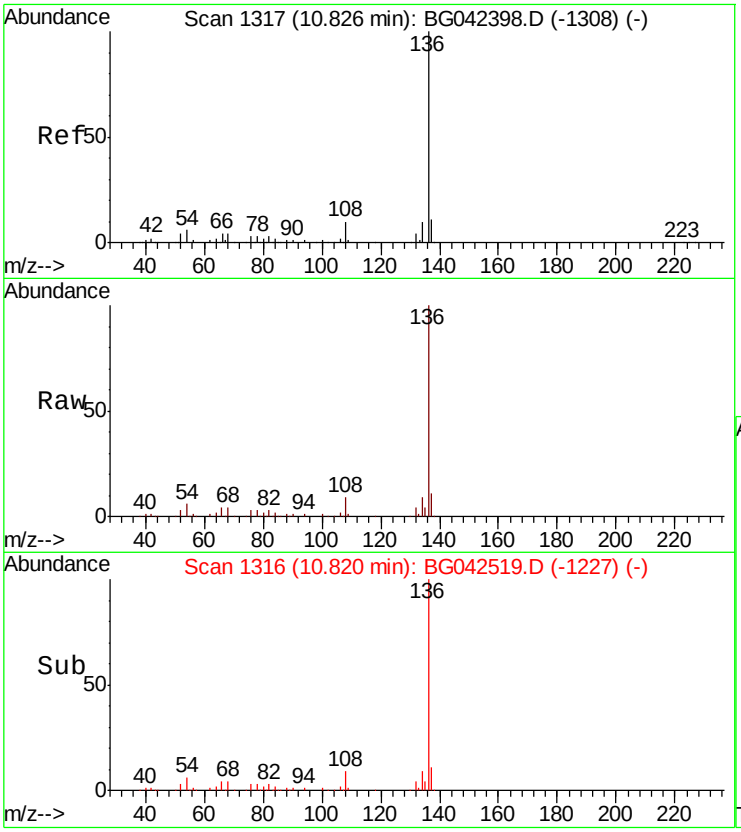


#10
Phenol
Concen: 3.874 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion: 94 Resp: 10790

Ion	Ratio	Lower	Upper
94	100		
65	30.9	5.6	45.6
66	43.0	16.0	56.0

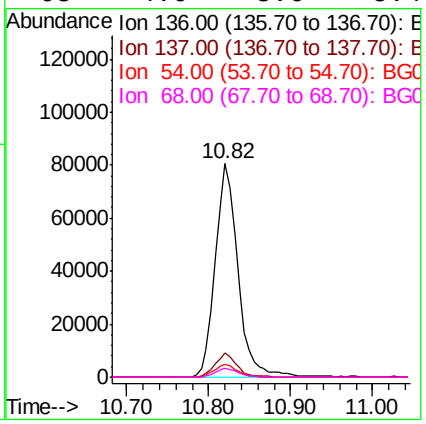




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

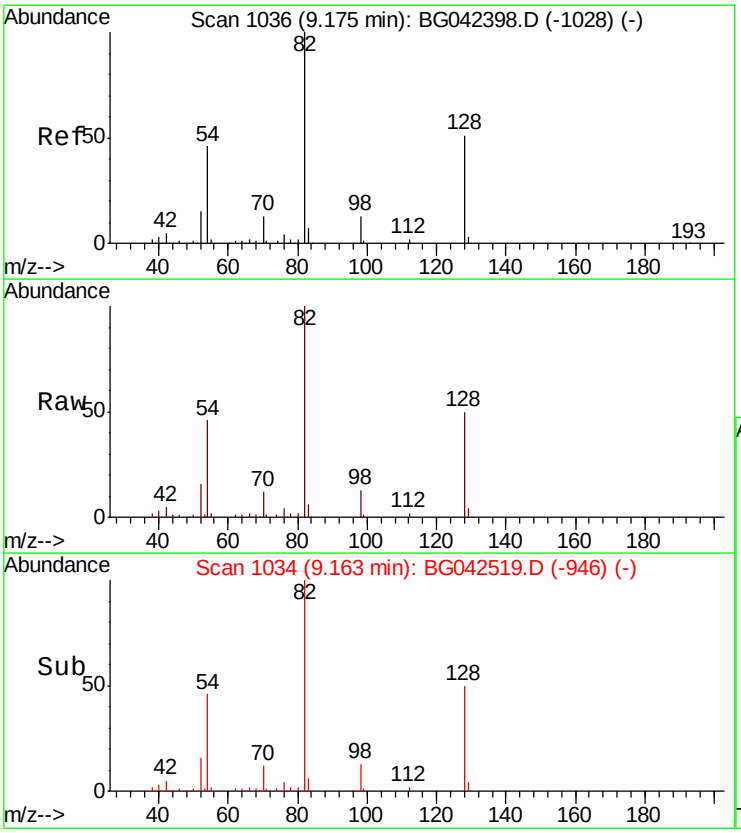
Tgt Ion:136 Resp: 156985

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.3	4.9	7.3
68	4.0	3.6	5.4



Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

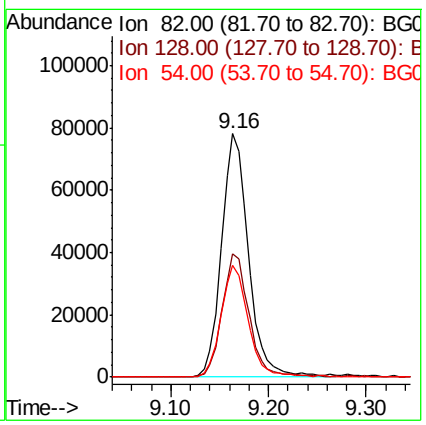
Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

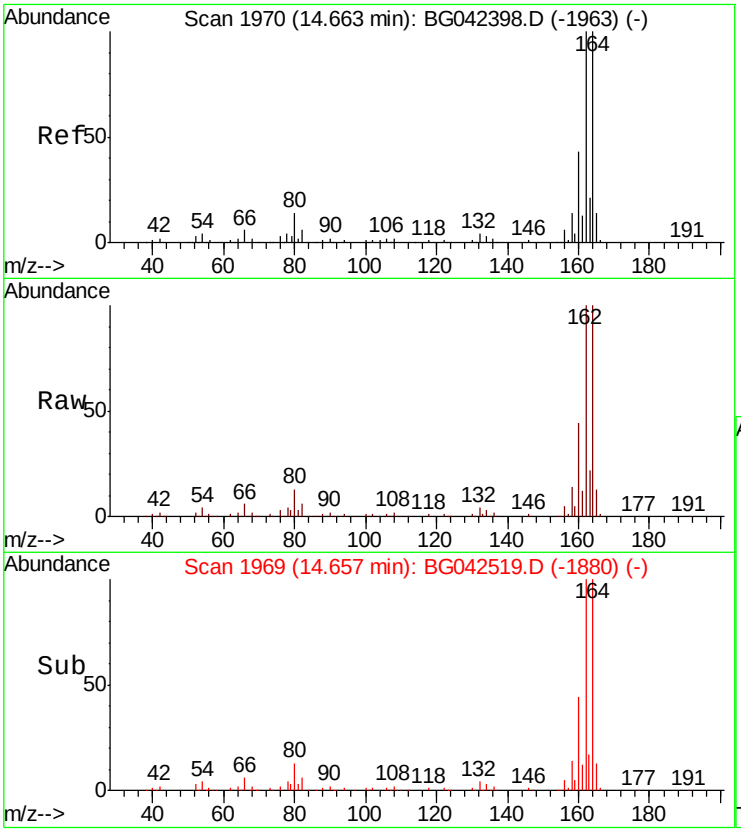


#23
Nitrobenzene-d5
Concen: 65.975 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion: 82 Resp: 149877

Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.7	61.1
54	45.9	36.3	54.5

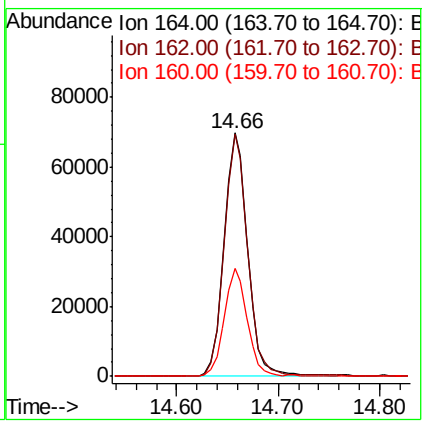




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

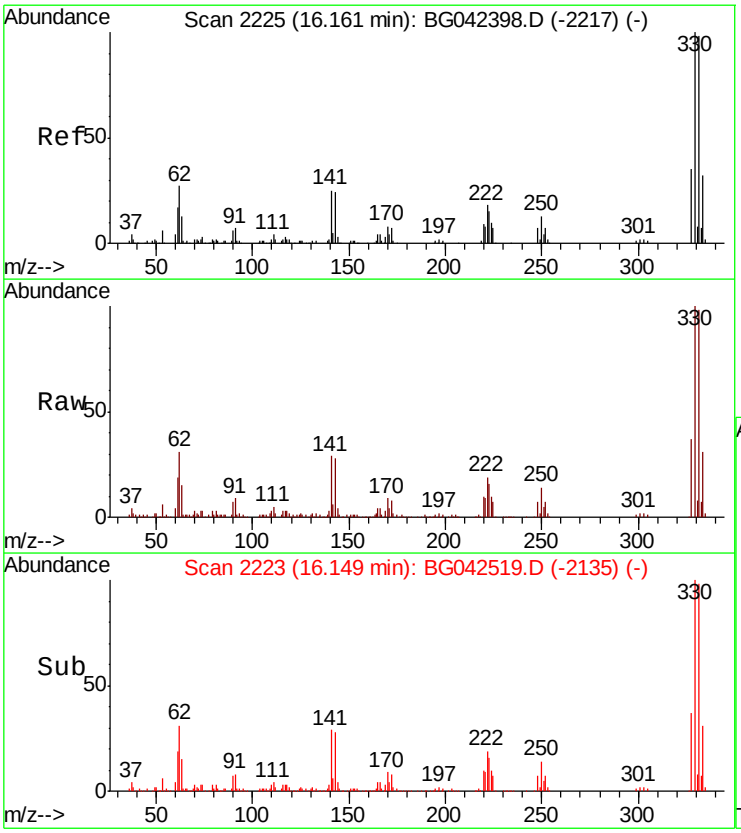
Tgt Ion:164 Resp: 112490

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.9	119.9
160	44.2	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

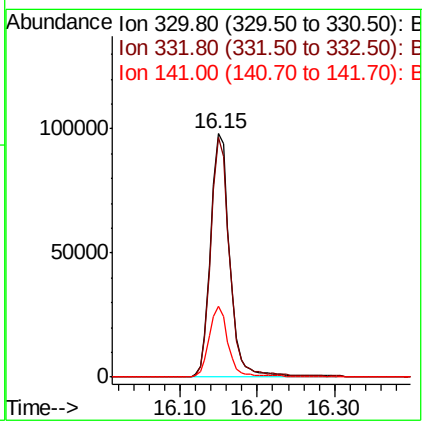
Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

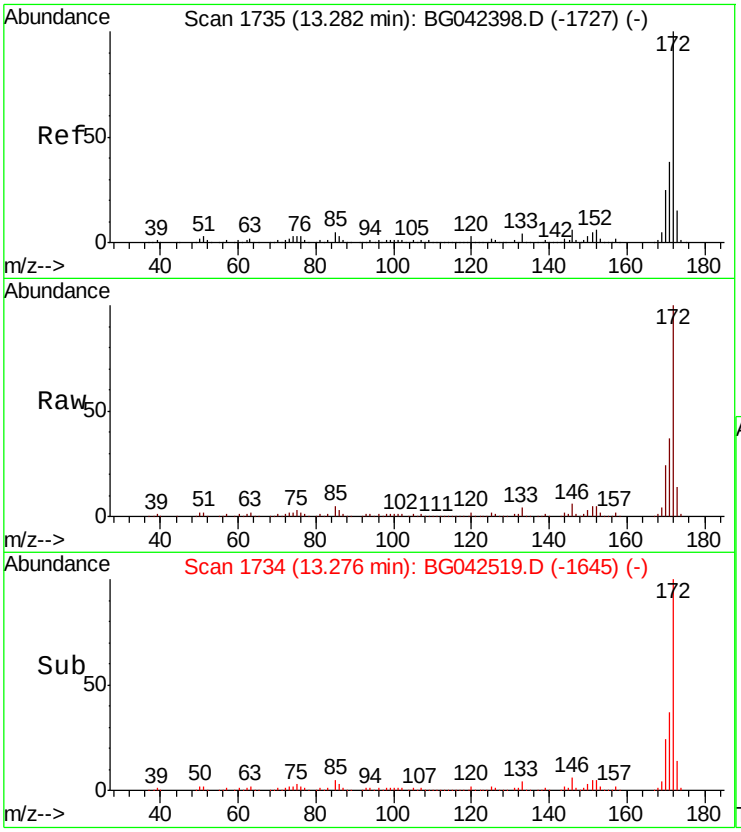


#42
2,4,6-Tribromophenol
Concen: 105.225 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion:330 Resp: 168240

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	28.2	21.4	32.0





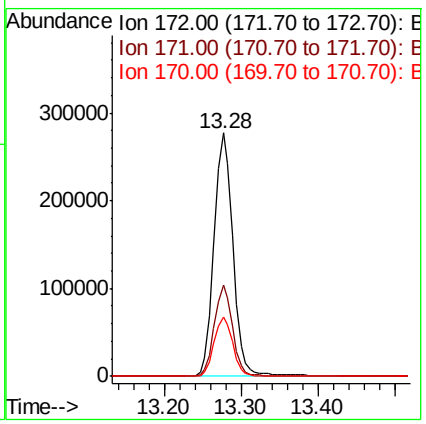
#45
2-Fluorobiphenyl
Concen: 70.551 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

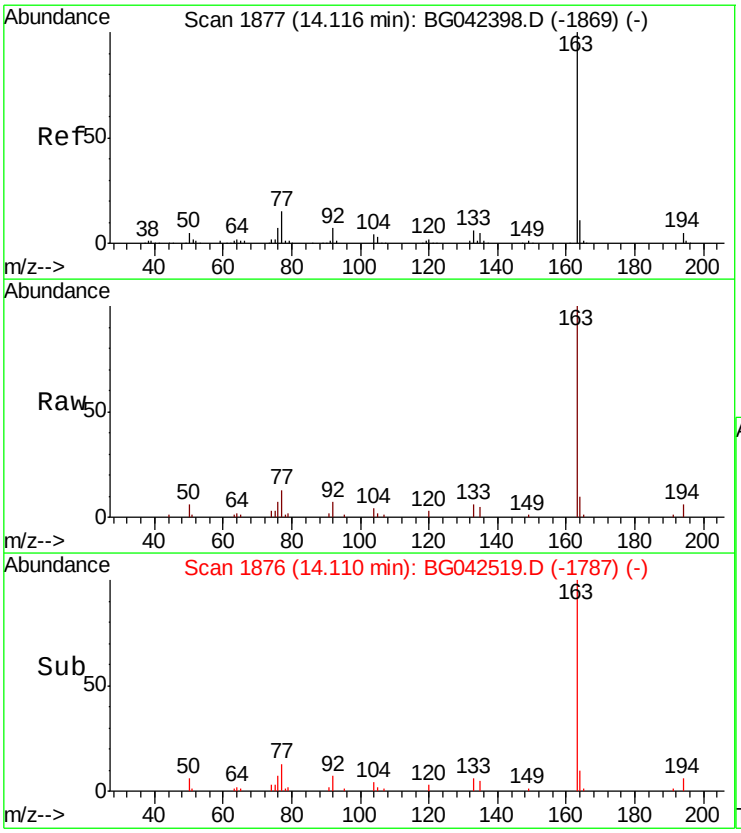
Tgt Ion:172 Resp: 469246

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.2	20.2	30.2

Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

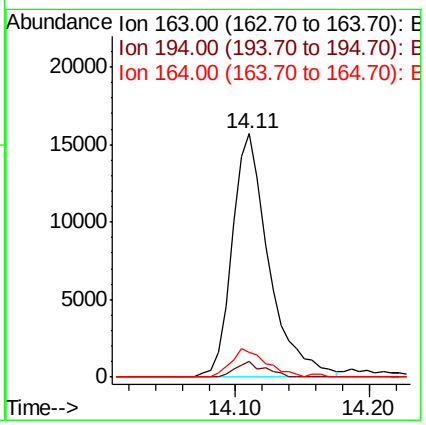


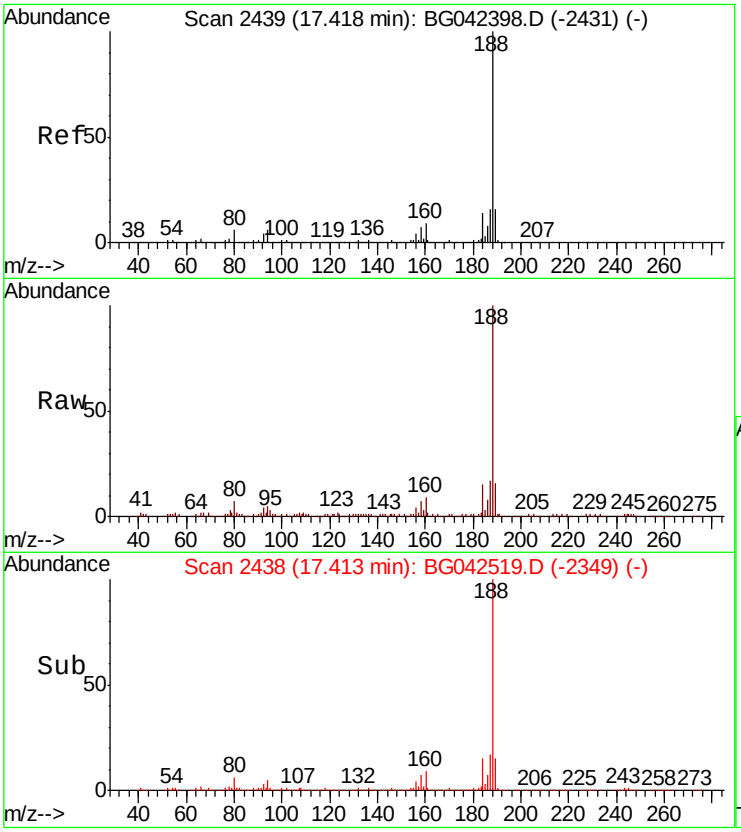


#50
Dimethylphthalate
Concen: 3.689 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion:163 Resp: 29945

Ion	Ratio	Lower	Upper
163	100		
194	6.4	4.2	6.2#
164	10.1	8.8	13.2





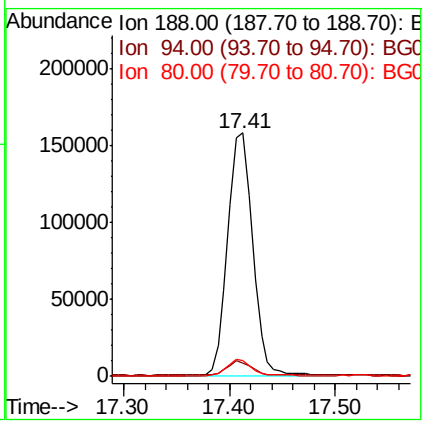
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

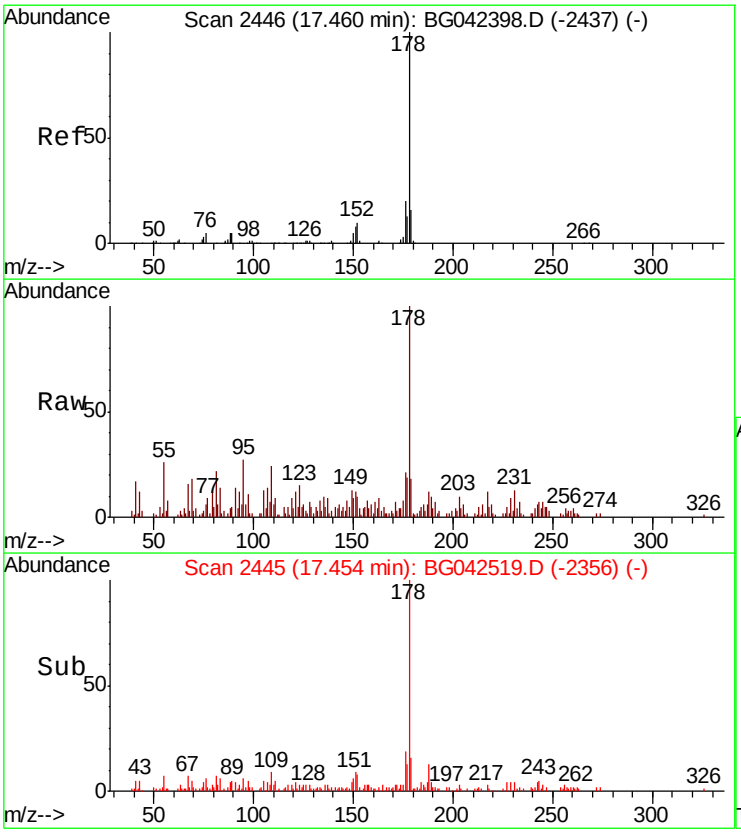
Tgt Ion:188 Resp: 259641

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.5	6.7
80	6.5	4.9	7.3

Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

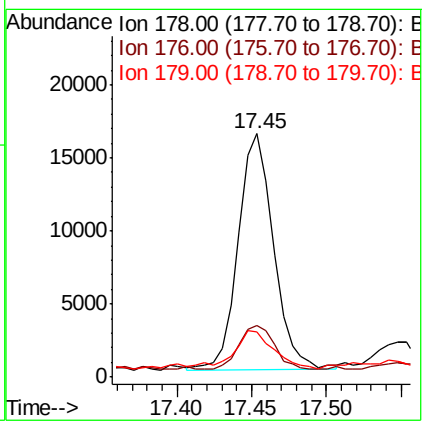


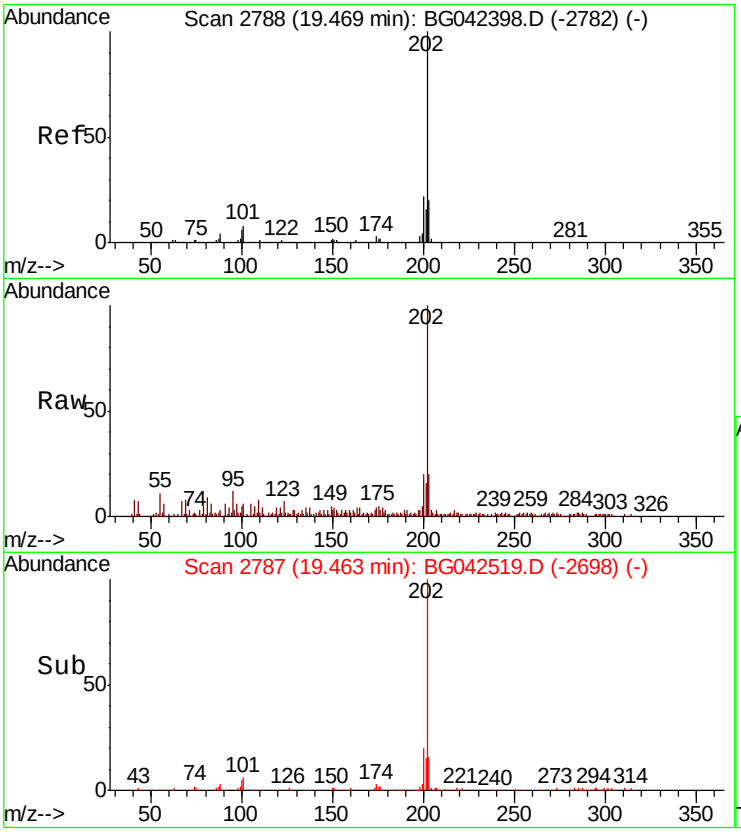


#71
Phenanthrene
Concen: 2.052 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion:178 Resp: 26465

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.9	23.9
179	18.5	12.7	19.1

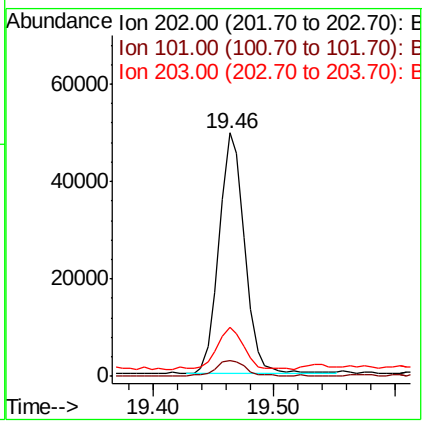




#75
Fluoranthene
Concen: 4.607 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

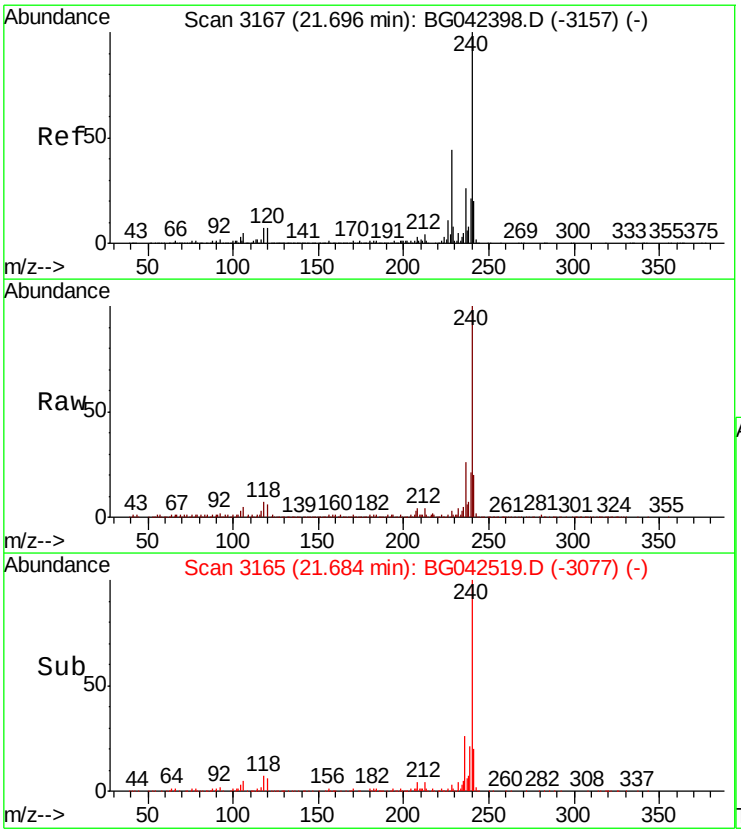
Tgt Ion:202 Resp: 72520

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.3
203	19.9	0.0	39.6



Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

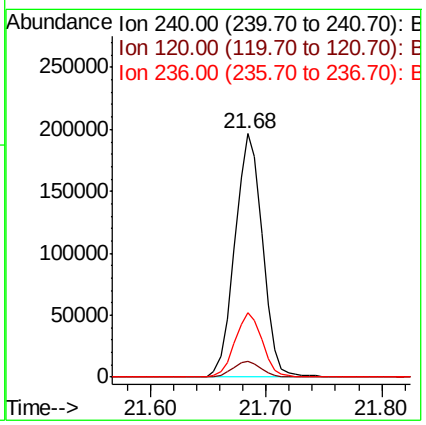
Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

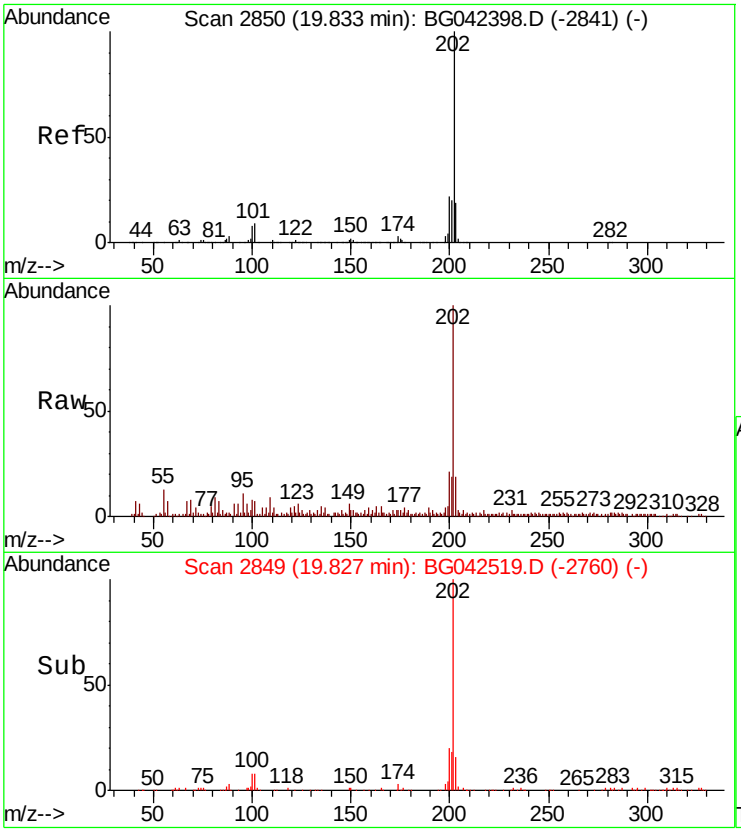


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion:240 Resp: 324742

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	26.4	21.0	31.4

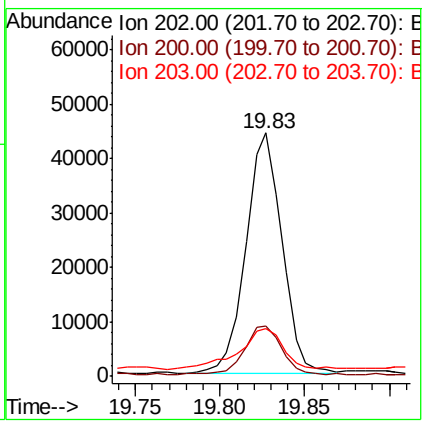




#78
Pyrene
Concen: 3.310 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

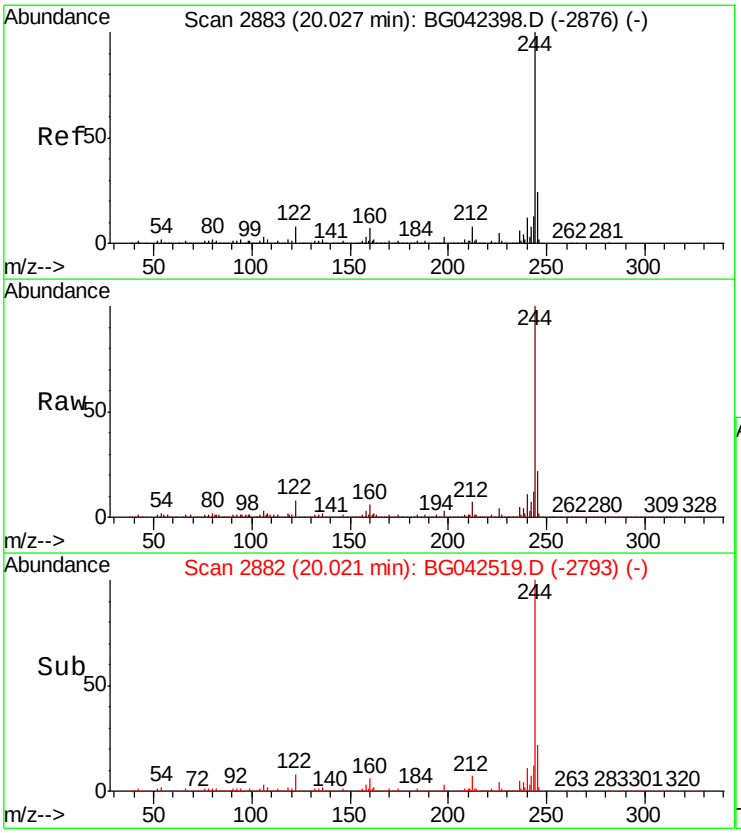
Tgt Ion:202 Resp: 65898

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.6
203	19.5	15.5	23.3



Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

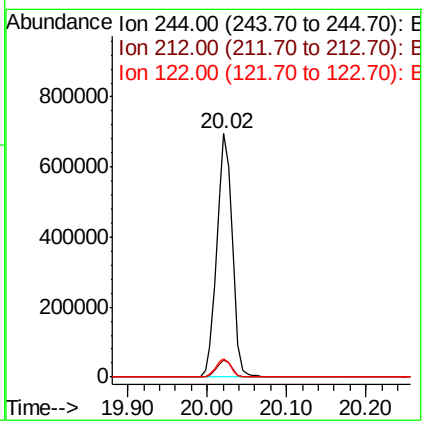
Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

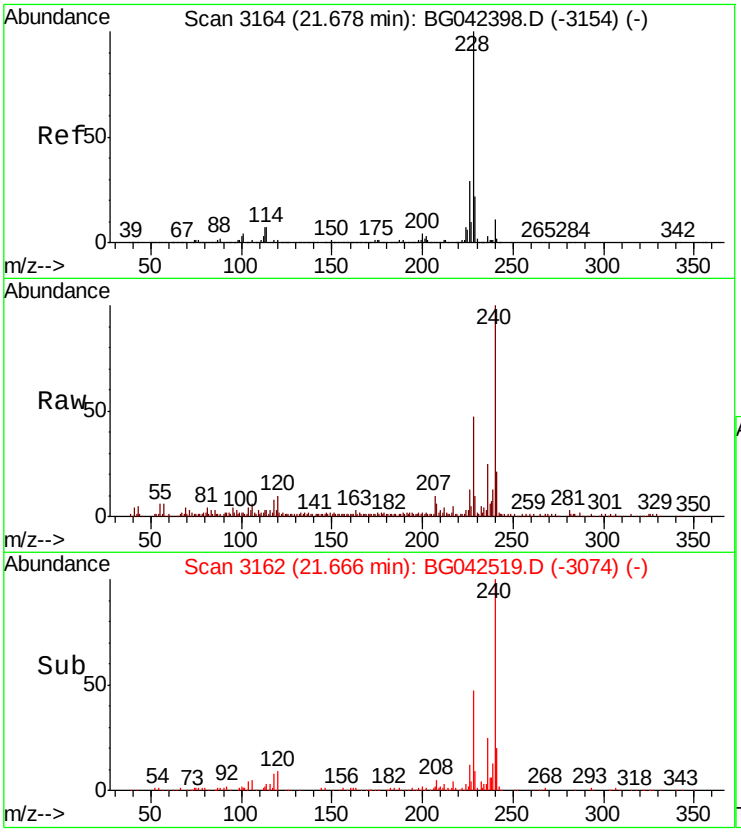


#79
Terphenyl-d14
Concen: 62.237 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion:244 Resp: 934863

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	7.7	6.7	10.1

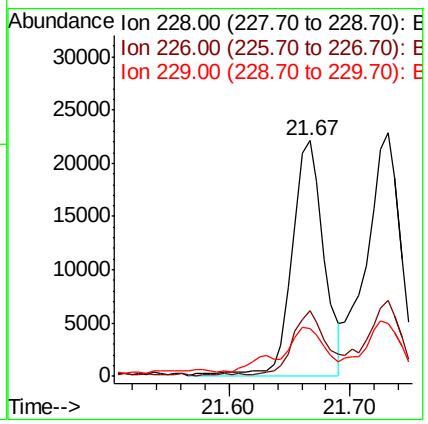




#81
Benzo(a)anthracene
Concen: 2.054 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

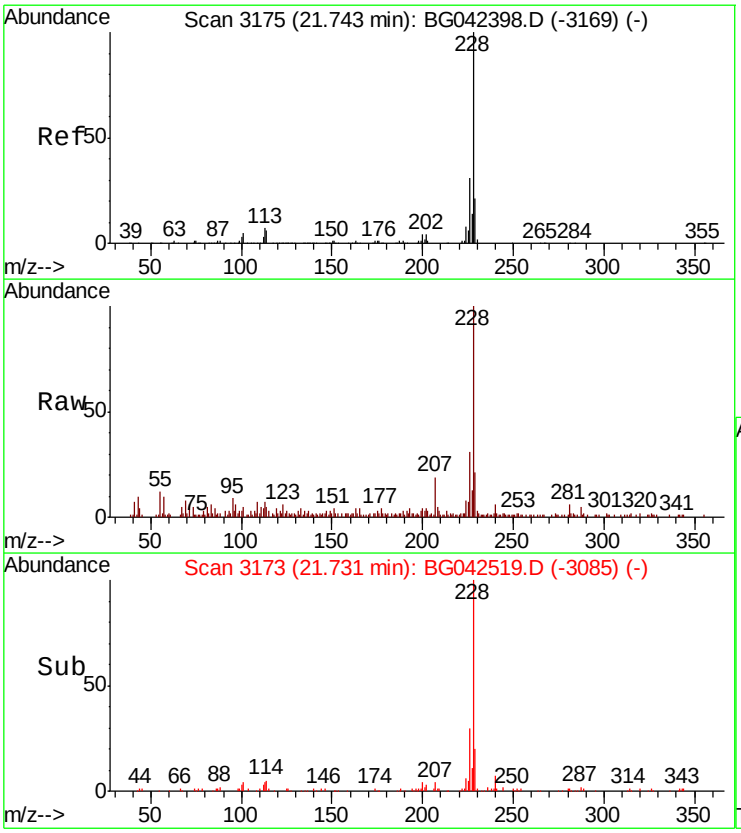
Tgt Ion:228 Resp: 40577

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	20.3	17.4	26.2



Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

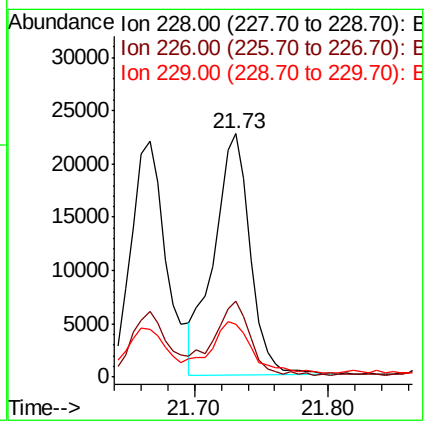
Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

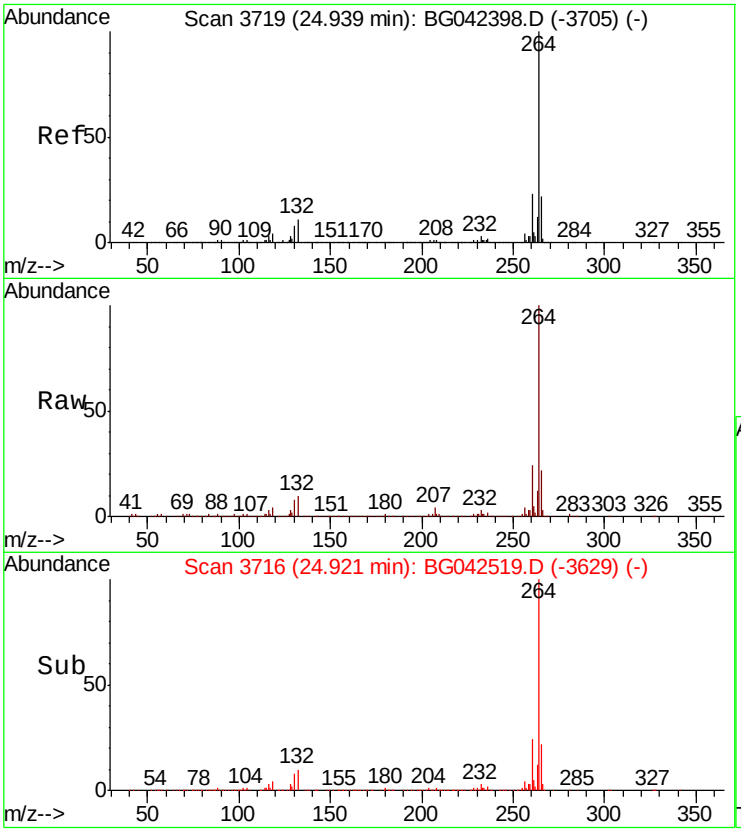


#83
Chrysene
Concen: 2.278 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion:228 Resp: 43394

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	21.5	16.9	25.3

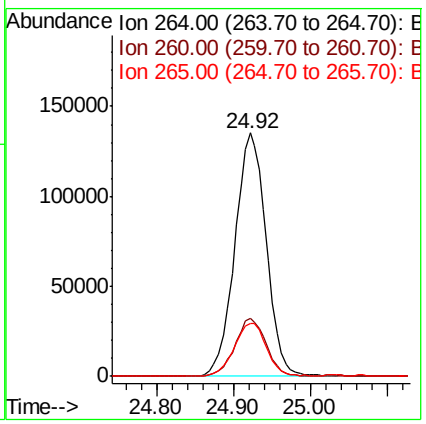




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

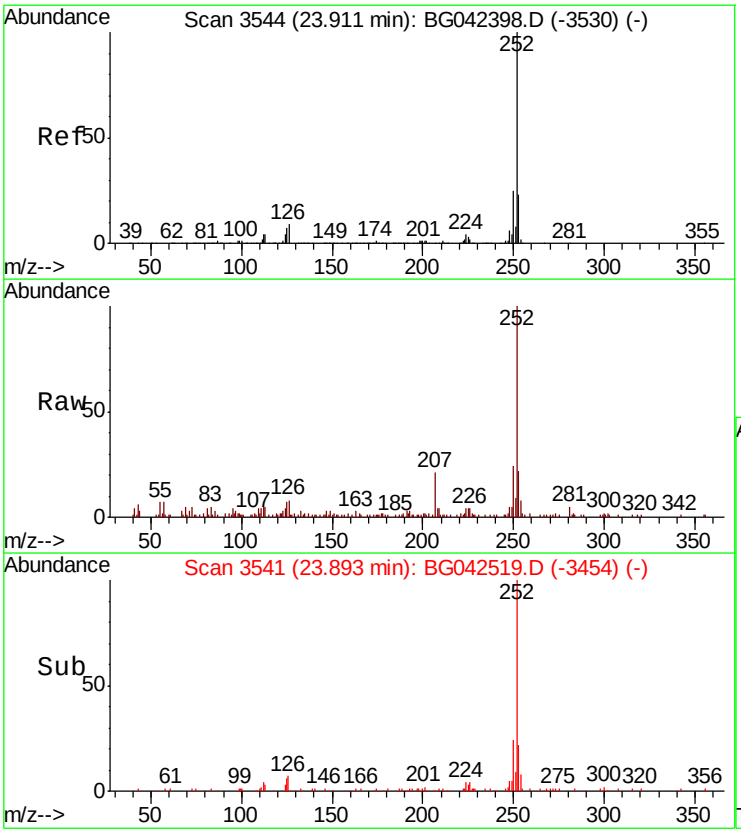
Tgt Ion:264 Resp: 385254

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.8	17.6	26.4



Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

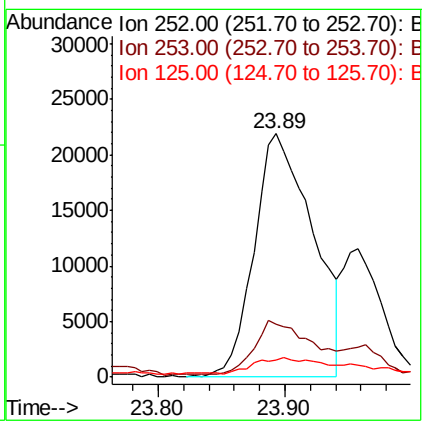
Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM

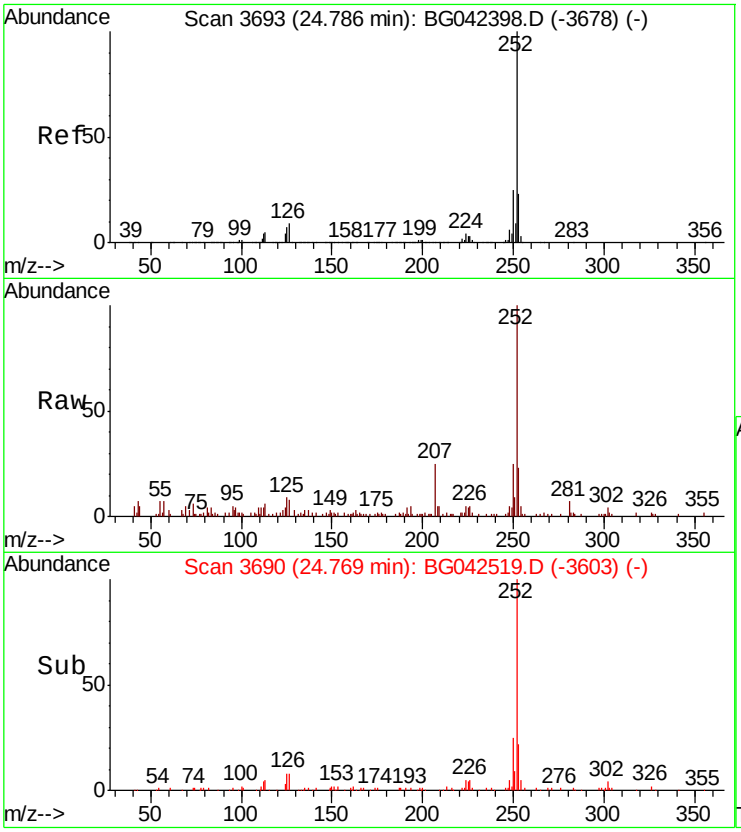


#88
Benzo(b)fluoranthene
Concen: 3.343 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion:252 Resp: 70806

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.6	27.8
125	7.1	5.6	8.4





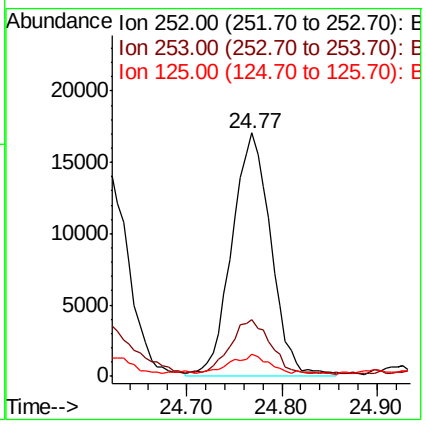
#90
Benzo(a)pyrene
Concen: 2.427 ng m
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

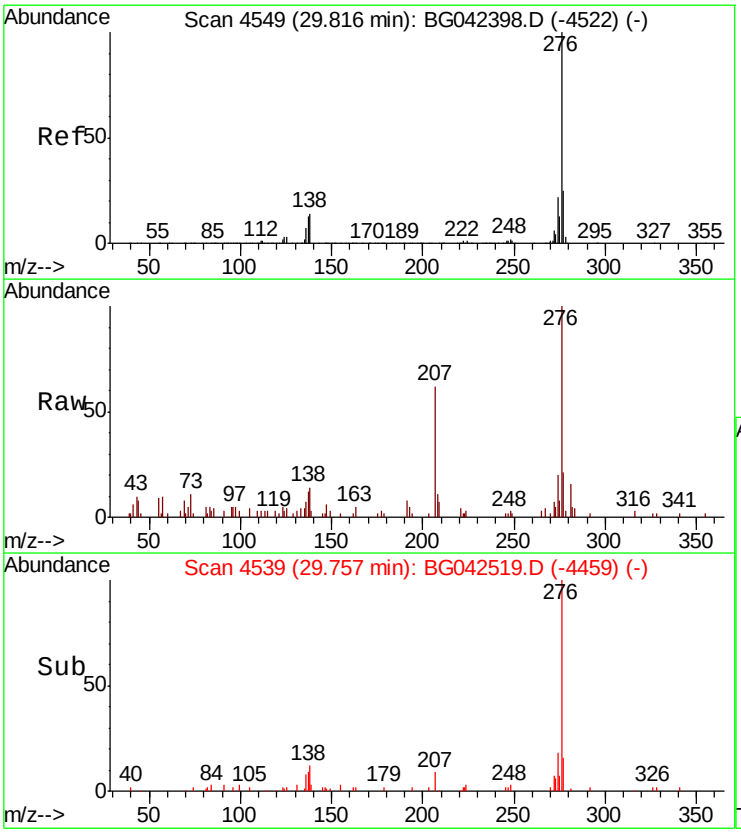
Tgt Ion:252 Resp: 48774

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	9.1	6.0	9.0#

Instrument :
BNA_G
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

Manual Integrations APPROVED
mohammad
8/29/2019 7:58:33 AM





#92
Benzo(g,h,i)perylene
Concen: 2.011 ng
RT: 29.76 min Scan# 4539
Delta R.T. -0.06 min
Lab File: BG042519.D
Acq: 28 Aug 2019 00:38

Tgt Ion:276 Resp: 40930

Ion	Ratio	Lower	Upper
276	100		
277	20.6	19.8	29.8
138	13.8	11.4	17.0