

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096189.D
 Acq On : 24 Jun 2017 14:32
 Operator : SJ/MA
 Sample : I3851-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-37-0-1.5

Manual Integrations
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Quant Time: Jun 26 02:28:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	65692	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	260893	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	103147	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	155118	20.00	ng	-0.03
75) Chrysene-d12	18.25	240	140875	20.00	ng	-0.02
86) Perylene-d12	19.93	264	103616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	407516	98.85	ng	-0.04
7) Phenol-d6	6.84	99	513209	103.98	ng	-0.04
23) Nitrobenzene-d5	8.19	82	290790	69.22	ng	-0.04
41) 2,4,6-Tribromophenol	13.42	330	73788	80.85	ng	-0.04
44) 2-Fluorobiphenyl	11.07	172	547233	73.83	ng	-0.04
78) Terphenyl-d14	16.90	244	350314	61.71	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.77	163	85737	10.95	ng	99
70) Phenanthrene	14.55	178	26860	3.00	ng	98
74) Fluoranthene	16.34	202	56543	6.38	ng	98
77) Pyrene	16.65	202	59317	5.64	ng	96
80) Benzo(a)anthracene	18.24	228	30019	3.67	ng	95
82) Chrysene	18.29	228	29885	3.65	ng	93
83) Bis(2-ethylhexyl)phthalate	18.32	149	19112	2.95	ng	# 94
87) Benzo(b)fluoranthene	19.53	252	36061m	5.56	ng	
89) Benzo(a)pyrene	19.89	252	21064	3.53	ng	# 87
91) Benzo(g,h,i)perylene	21.44	276	11654	2.26	ng	# 87

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

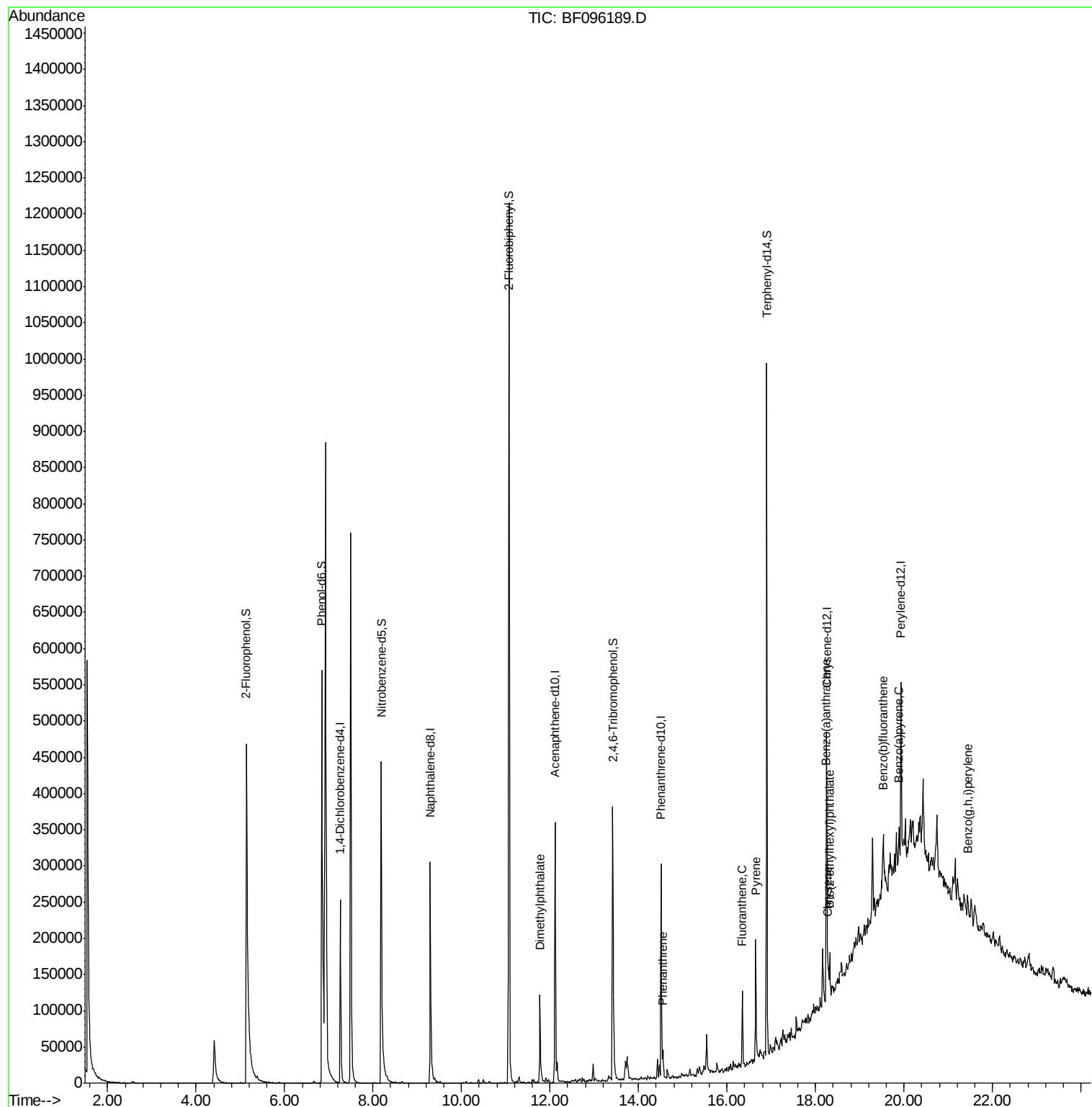
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096189.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

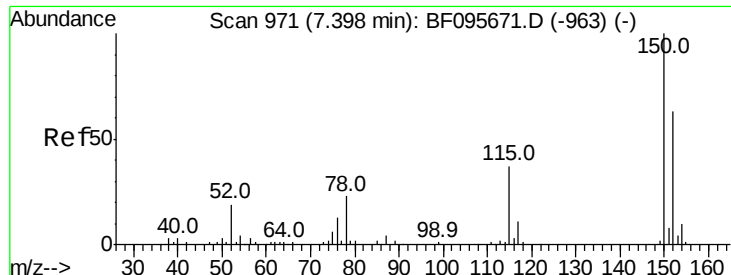
Instrument :
BNA_F
ClientSampleId :
G-37-0-1.5

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Quant Time: Jun 26 02:28:39 2017
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#1

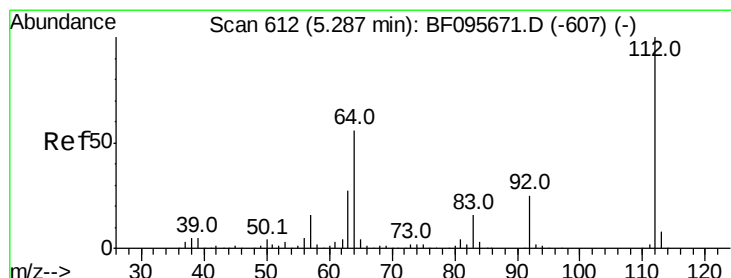
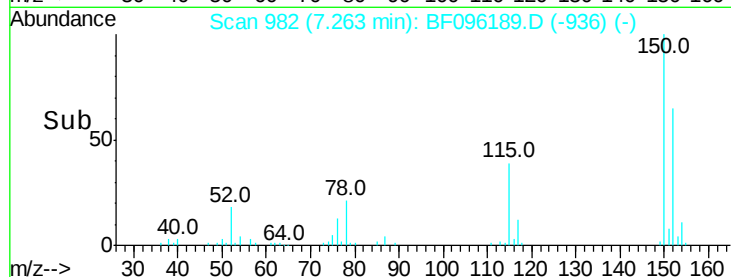
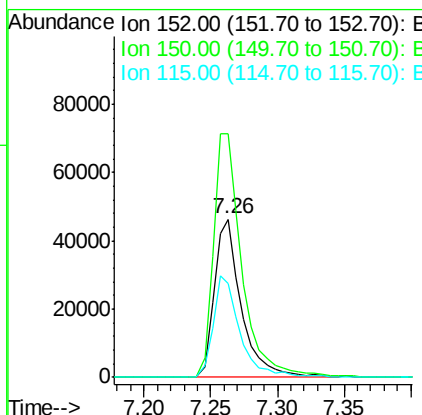
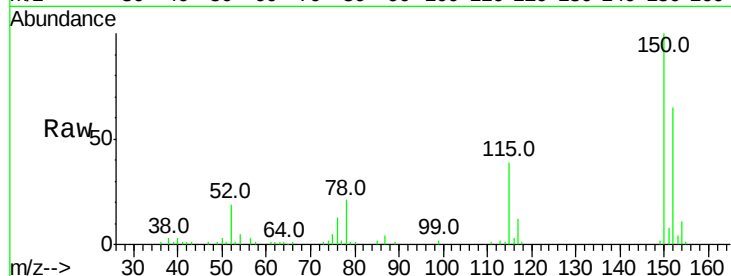
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Instrument :
BNA_F
ClientSampleId :
G-37-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	59.7	52.2	78.2

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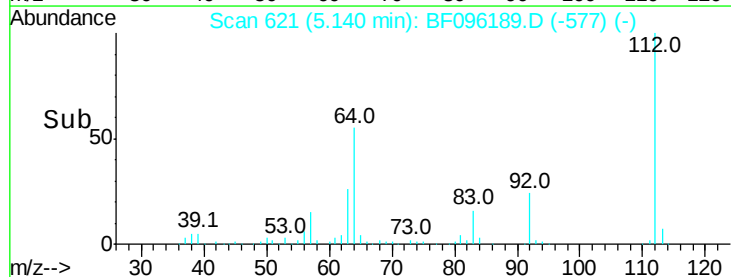
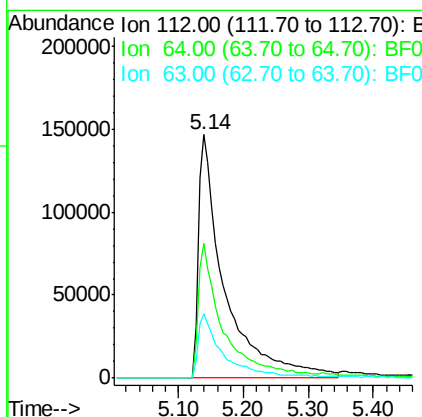
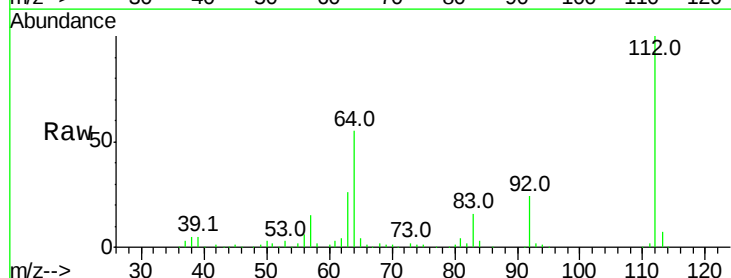
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#5

2-Fluorophenol
Concen: 98.85 ng
RT: 5.14 min Scan# 621
Delta R.T. -0.04 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	26.4	23.4	35.0





#7

Phenol-d6

Concen: 103.98 ng

RT: 6.84 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF096189.D

Acq: 24 Jun 2017 14:32

Instrument :

BNA_F

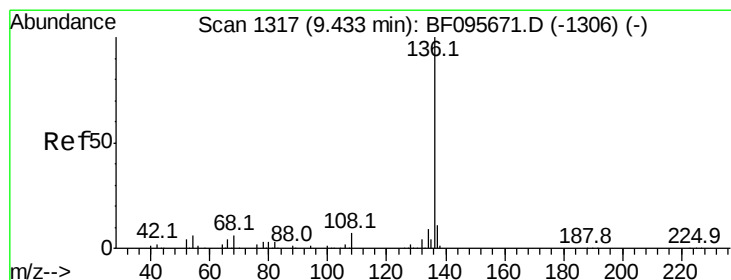
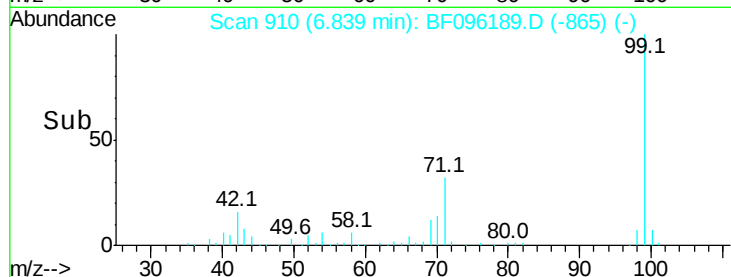
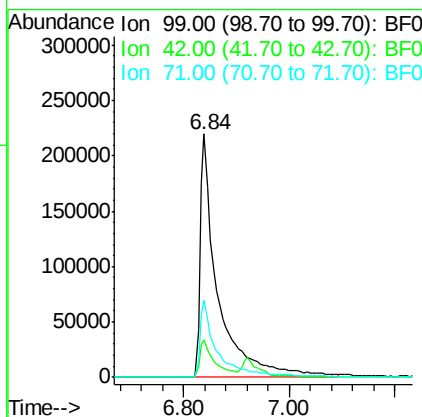
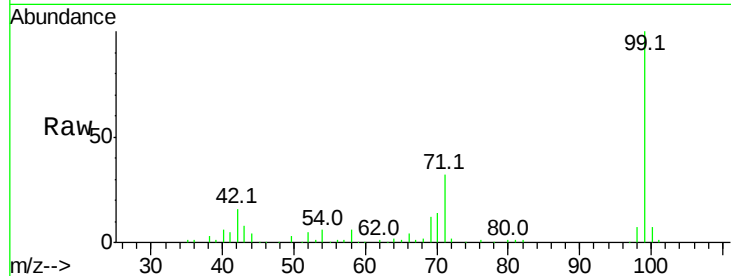
ClientSampleId :

G-37-0-1.5

Tot Ion:	99	Resp:	513209
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	31.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

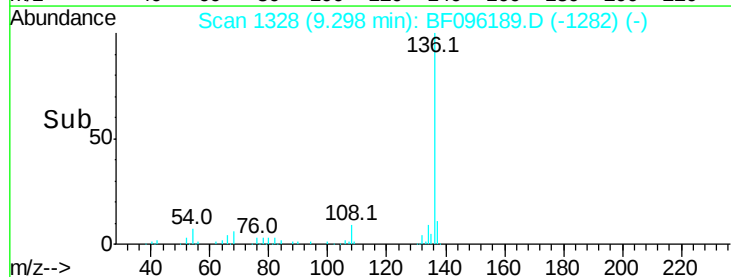
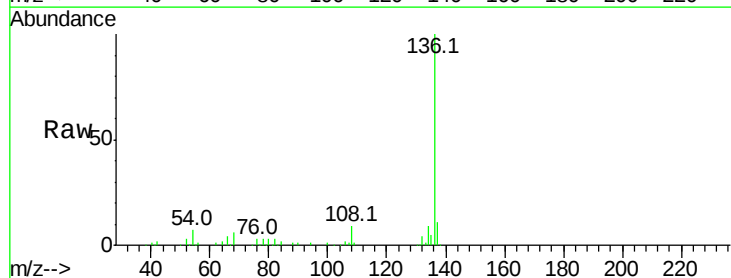
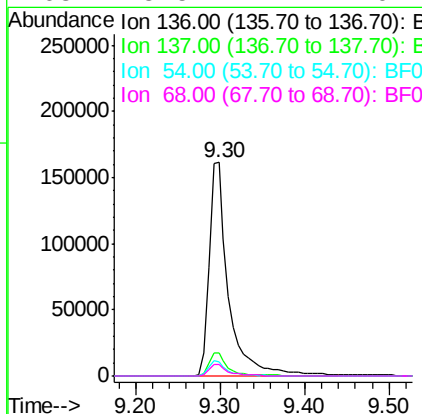
RT: 9.30 min Scan# 1328

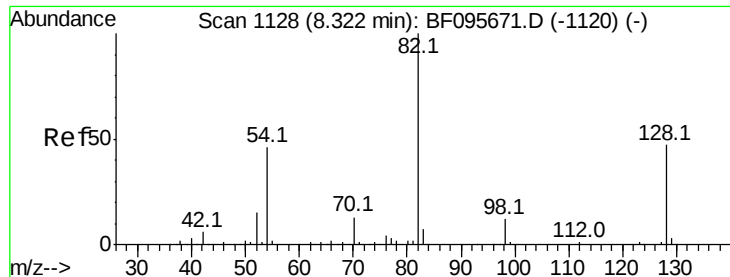
Delta R.T. -0.03 min

Lab File: BF096189.D

Acq: 24 Jun 2017 14:32

Tgt Ion:	136	Resp:	260893
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.6	4.9	7.3
68	5.5	4.1	6.1





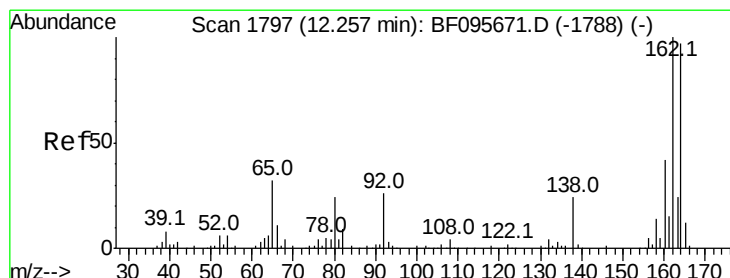
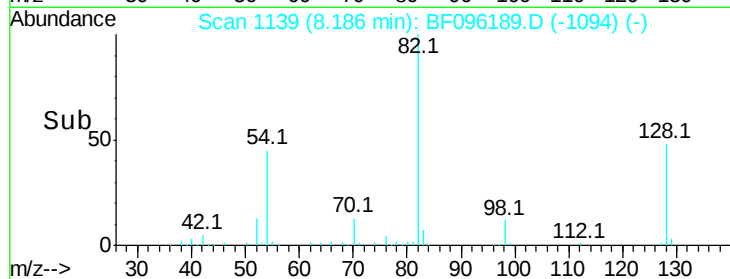
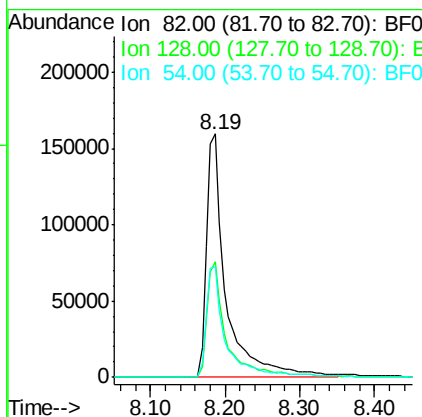
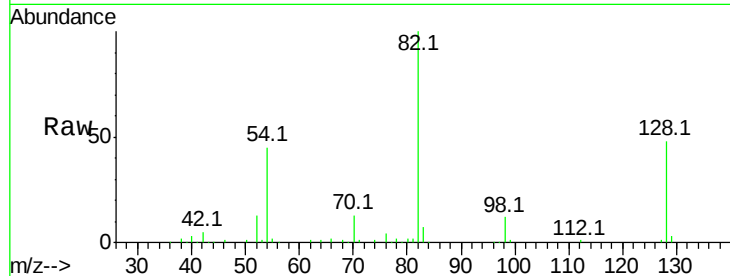
#23
 Nitrobenzene-d5
 Concen: 69.22 ng
 RT: 8.19 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF096189.D
 Acq: 24 Jun 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :
 G-37-0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	45.3	42.2	63.2

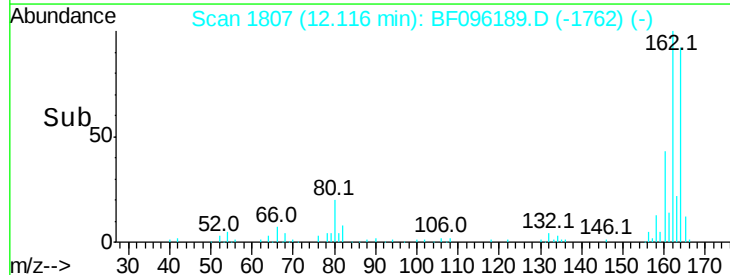
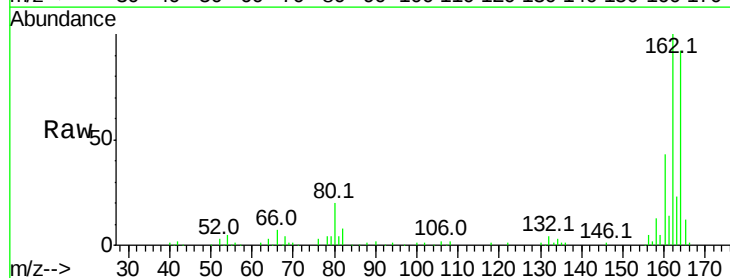
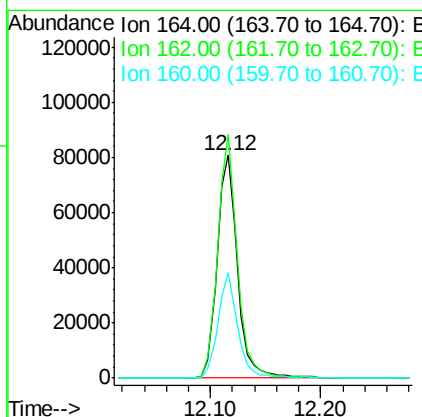
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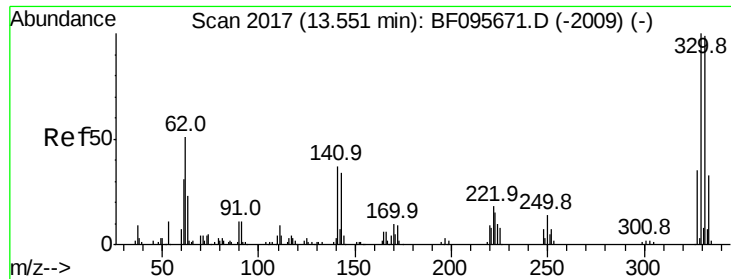
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF096189.D
 Acq: 24 Jun 2017 14:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.2	82.6	123.8
160	47.3	36.2	54.2





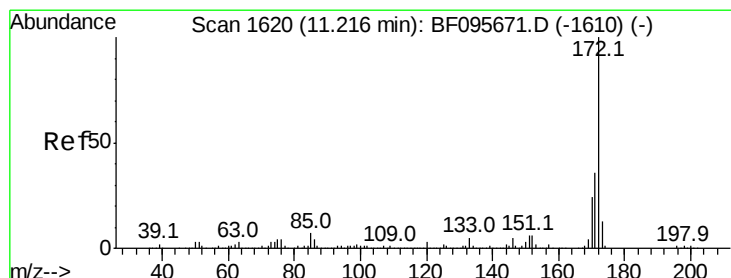
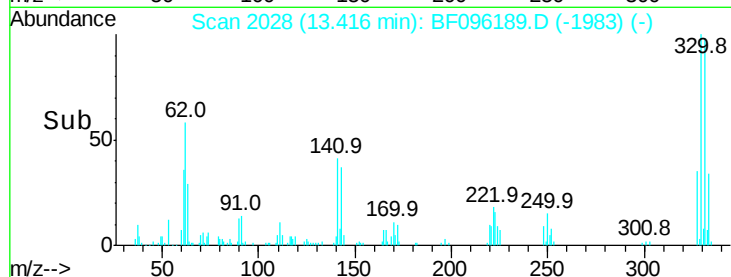
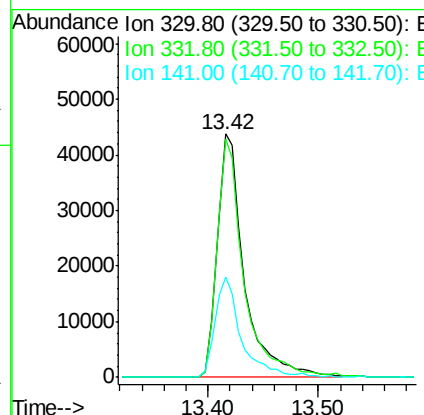
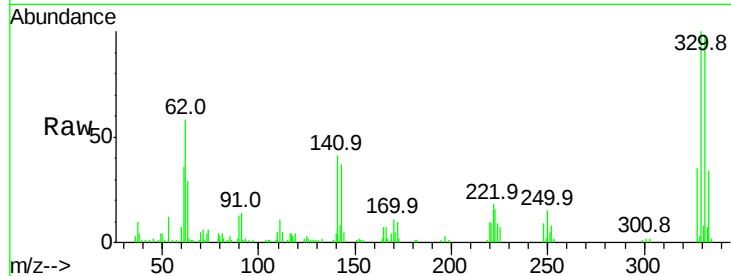
#41
 2,4,6-Tribromophenol
 Concen: 80.85 ng
 RT: 13.42 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF096189.D
 Acq: 24 Jun 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :
 G-37-0-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	40.0	31.4	47.2

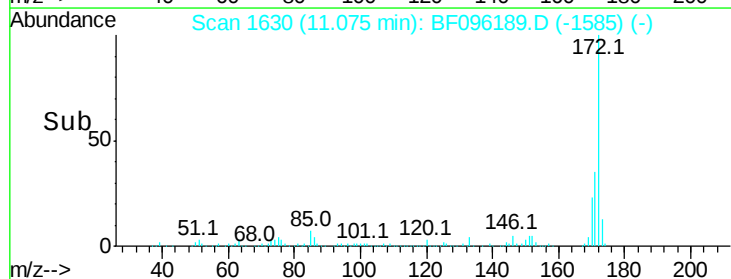
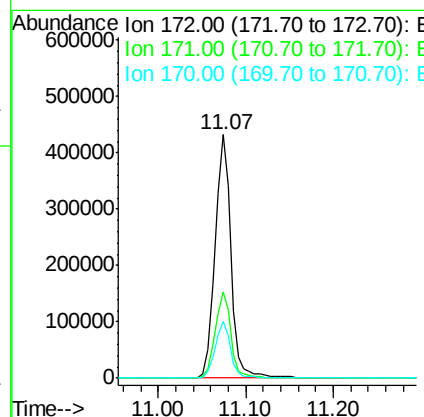
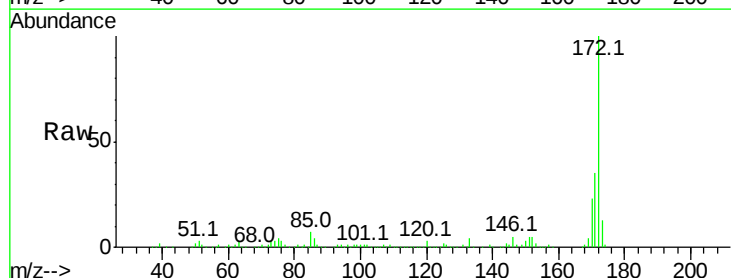
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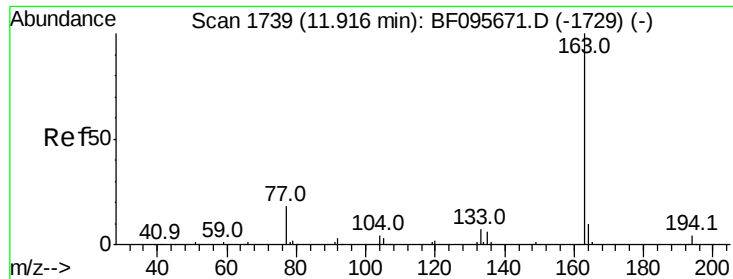
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#44
 2-Fluorobiphenyl
 Concen: 73.83 ng
 RT: 11.07 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF096189.D
 Acq: 24 Jun 2017 14:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.2	19.8	29.8





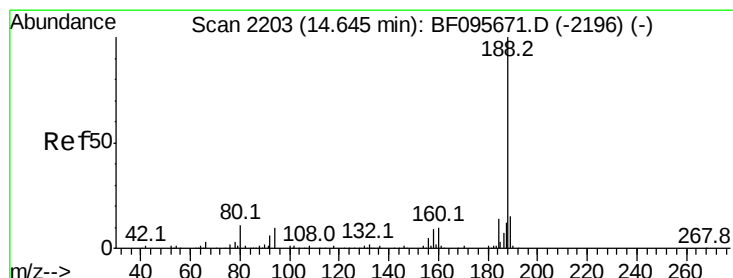
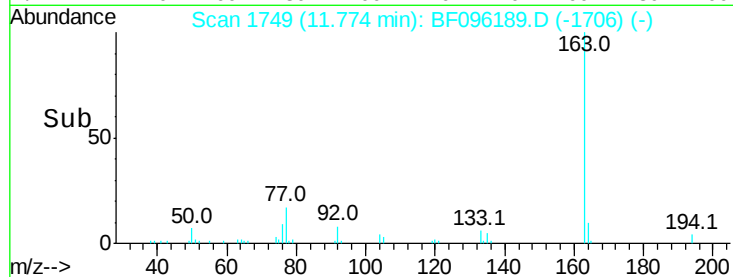
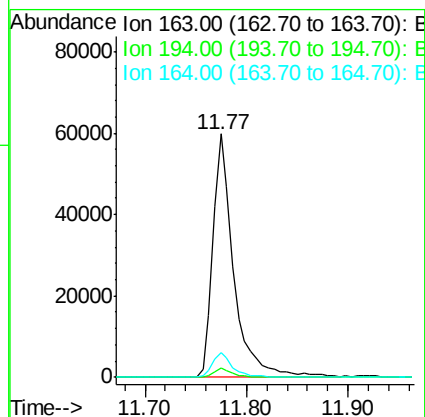
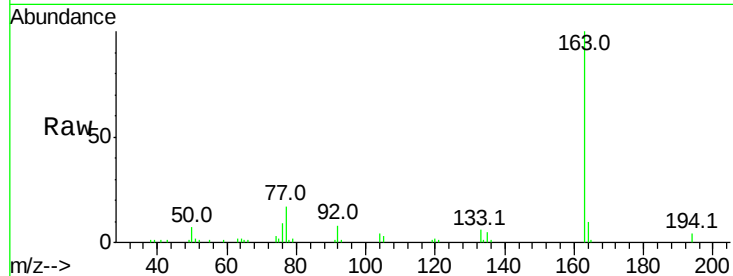
#49
Dimethylphthalate
Concen: 10.95 ng
RT: 11.77 min Scan# 1749
Delta R.T. -0.05 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Instrument :
BNA_F
ClientSampleId :
G-37-0-1.5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.2	8.4	12.6

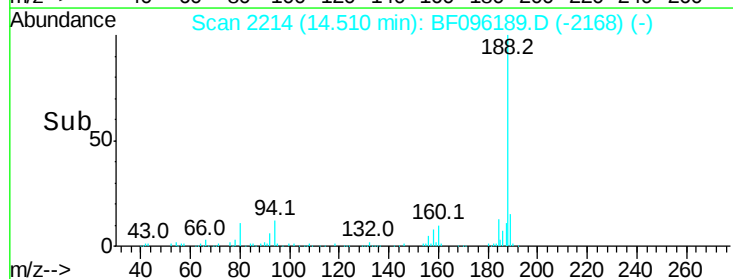
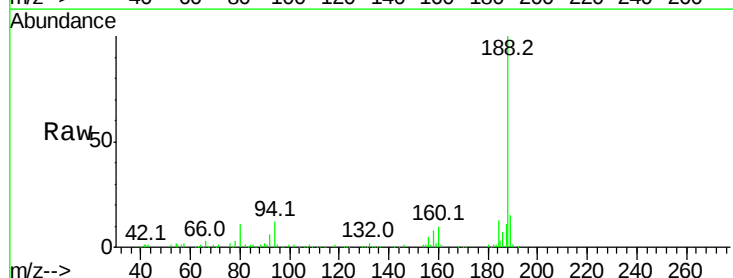
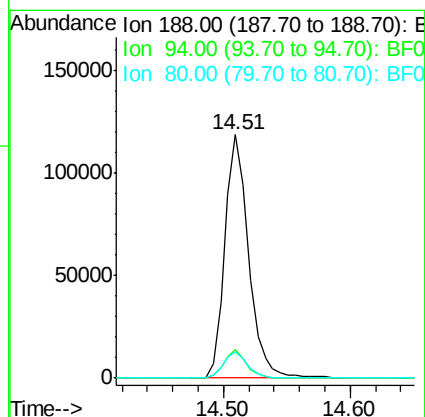
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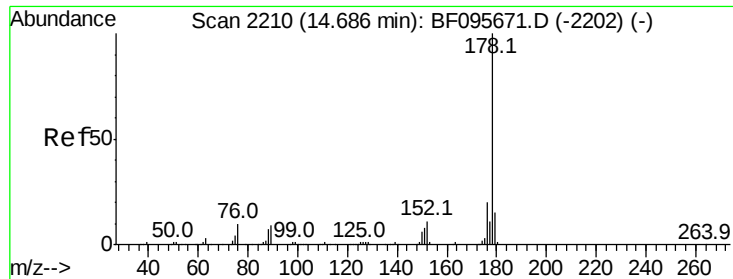
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	10.9	10.2	15.2





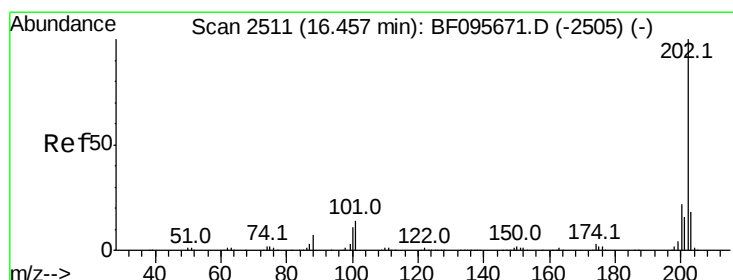
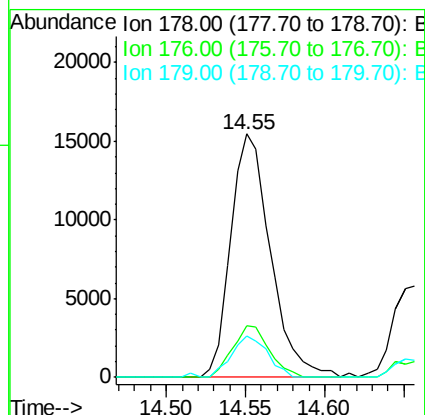
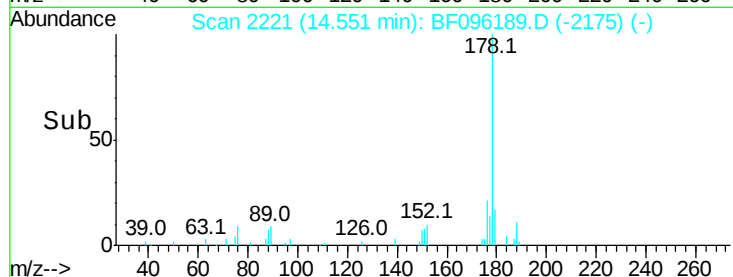
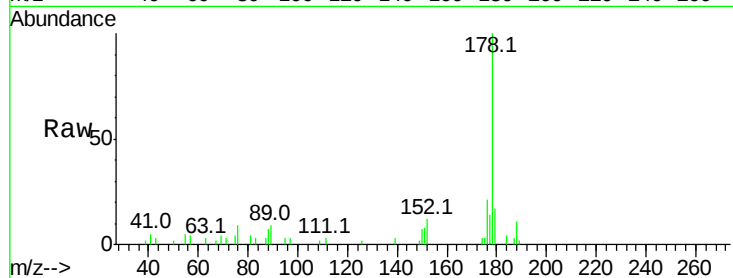
#70
Phenanthrene
Concen: 3.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.03 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Instrument :
BNA_F
ClientSampleId :
G-37-0-1.5

Tot Ion:	178	Resp:	26860
Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.2	24.4
179	16.8	12.6	19.0

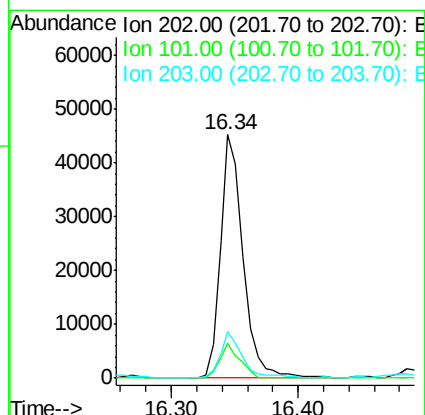
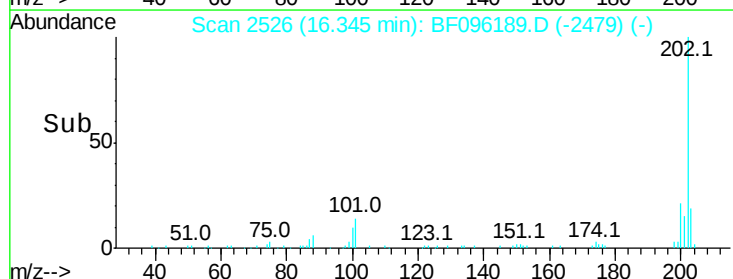
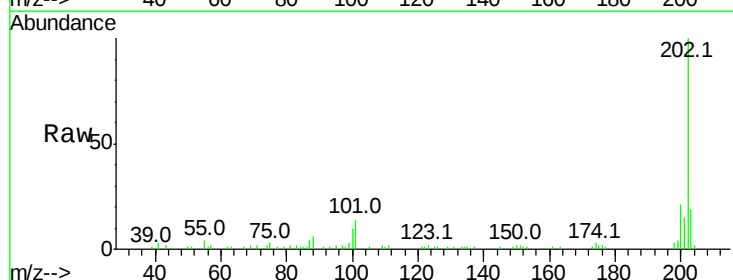
Manual Integrations
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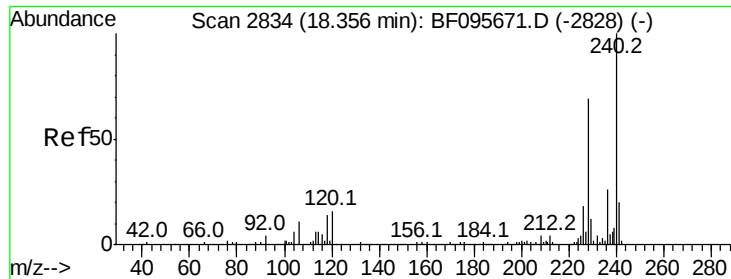
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#74
Fluoranthene
Concen: 6.38 ng
RT: 16.34 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Tgt Ion:	202	Resp:	56543
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	19.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.25 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF096189.D

Acq: 24 Jun 2017 14:32

Instrument :

BNA_F

ClientSampleId :

G-37-0-1.5

Tot Ion:240 Resp: 140875

Ion Ratio Lower Upper

240 100

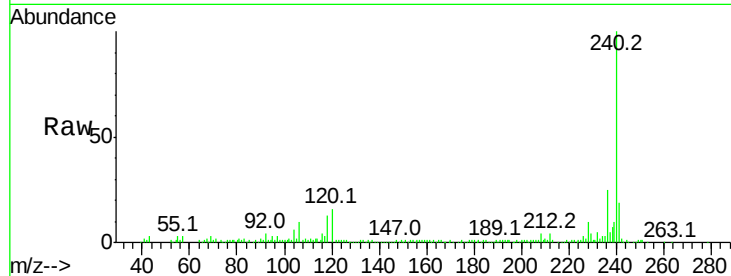
120 15.5 5.8 8.8#

236 24.8 20.5 30.7

Manual Integrations
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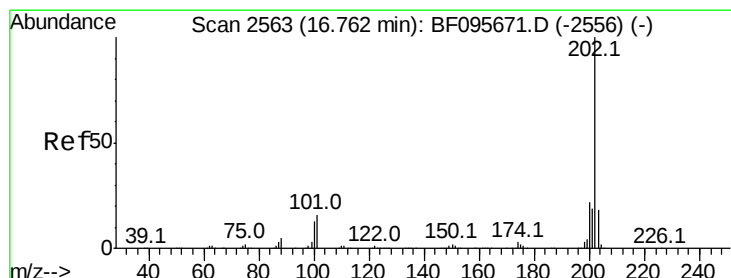
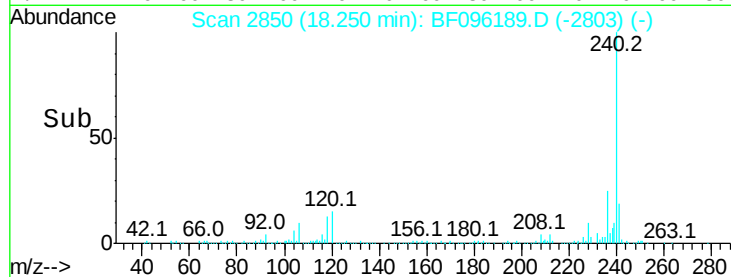
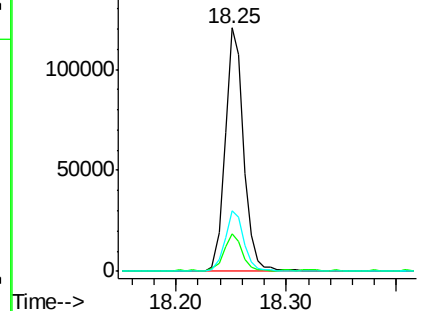
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.64 ng

RT: 16.65 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BF096189.D

Acq: 24 Jun 2017 14:32

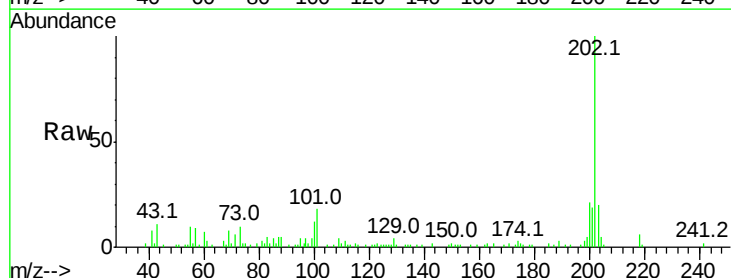
Tgt Ion:202 Resp: 59317

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

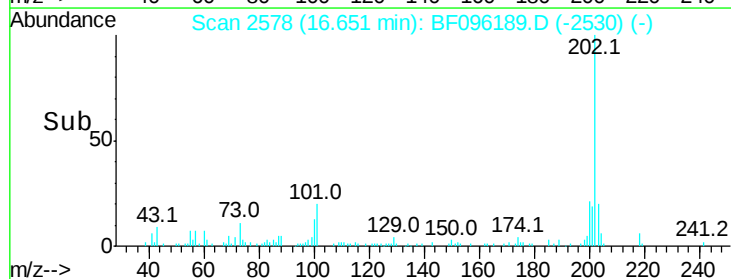
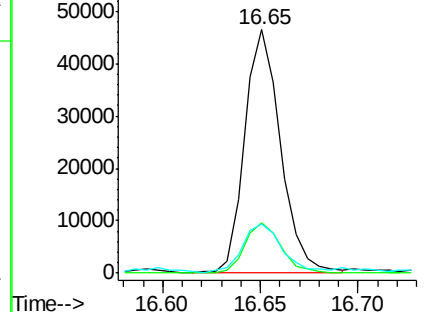
203 20.2 14.4 21.6

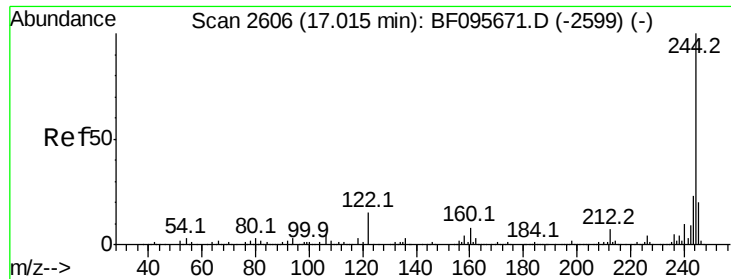


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





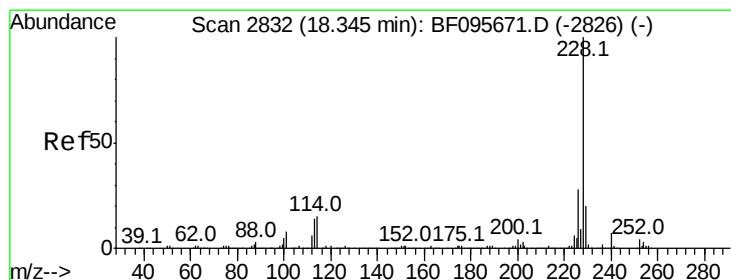
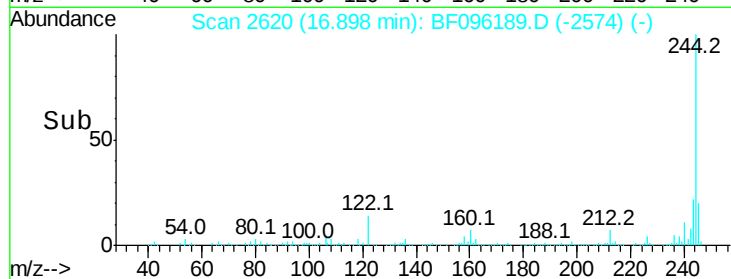
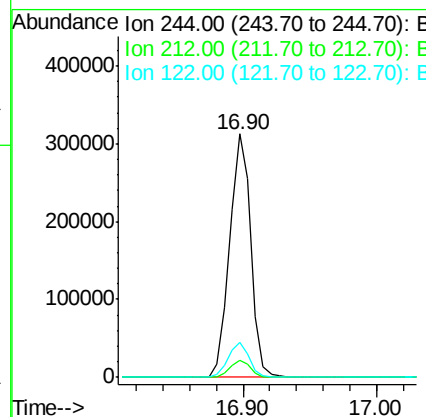
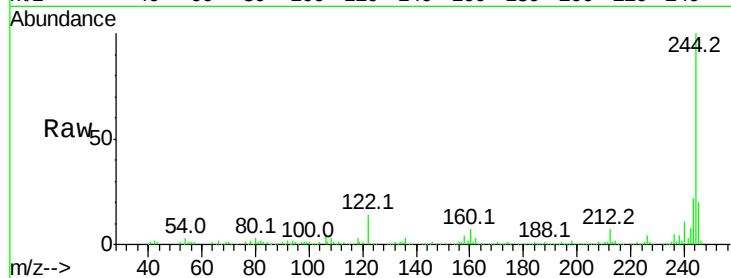
#78
 Terphenyl-d14
 Concen: 61.71 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096189.D
 Acq: 24 Jun 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :
 G-37-0-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.4	10.3	15.5

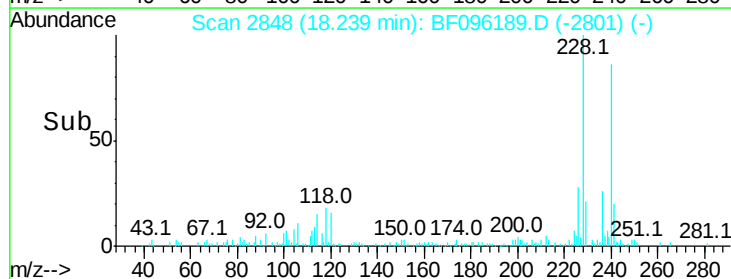
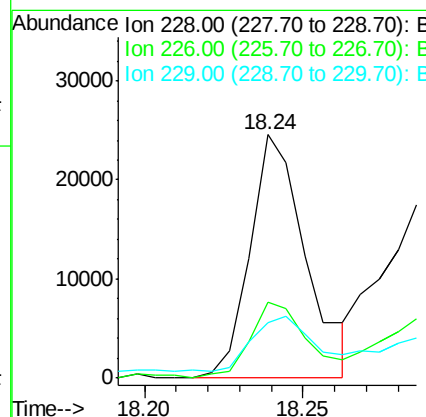
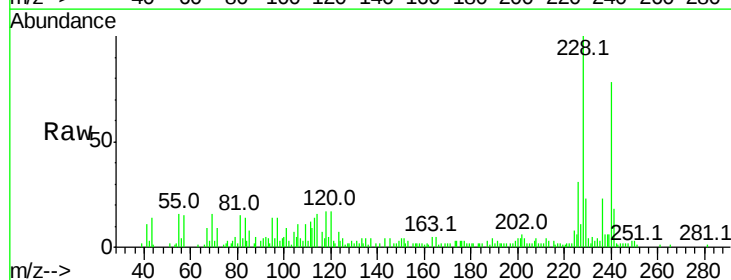
Manual Integrations
 APPROVED

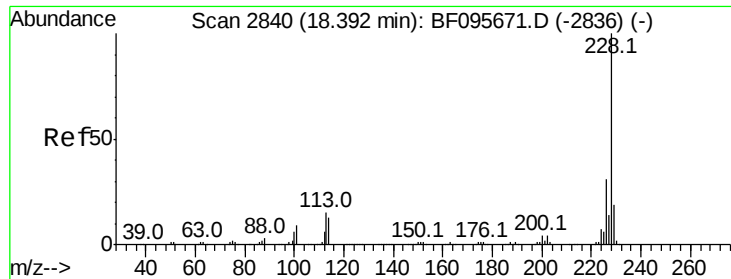
mohammad
 6/29/2017 3:44:50 PM



#80
 Benzo(a)anthracene
 Concen: 3.67 ng
 RT: 18.24 min Scan# 2848
 Delta R.T. -0.02 min
 Lab File: BF096189.D
 Acq: 24 Jun 2017 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	22.6	16.3	24.5





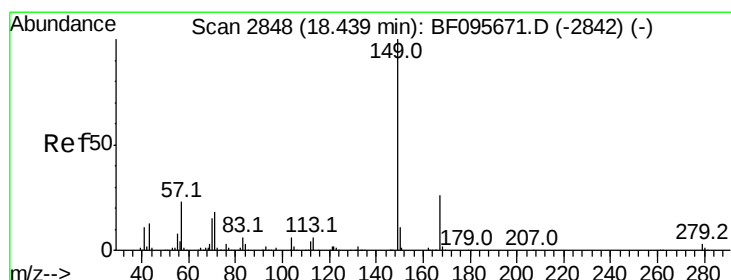
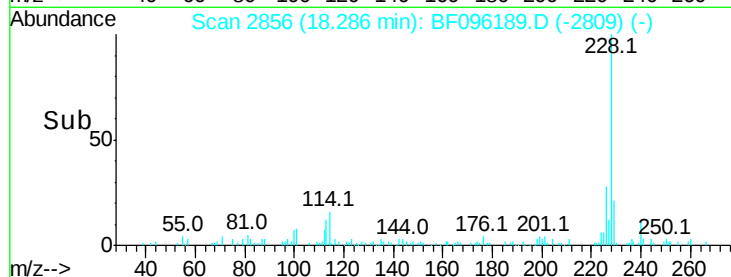
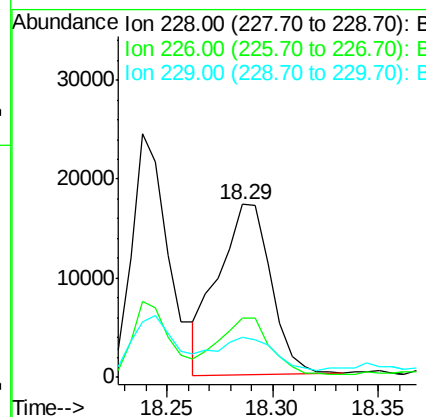
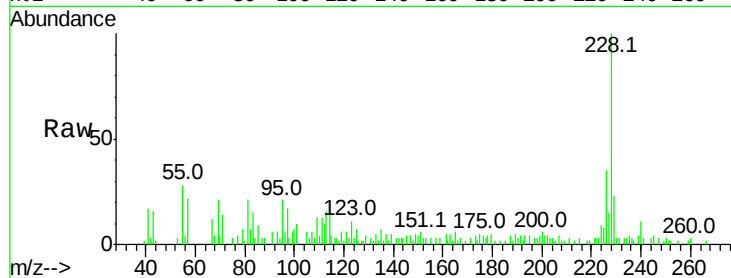
#82
Chrysene
Concen: 3.65 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Instrument :
BNA_F
ClientSampleId :
G-37-0-1.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.9	37.3
229	23.4	15.8	23.6

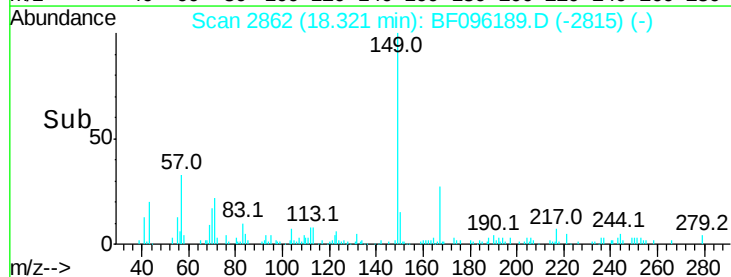
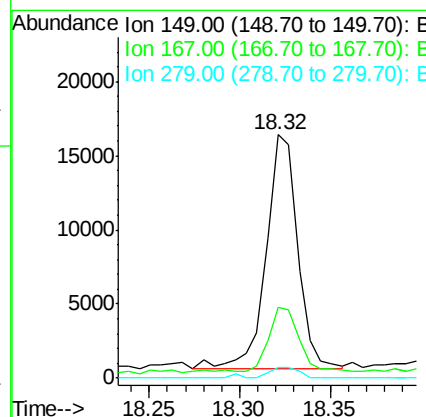
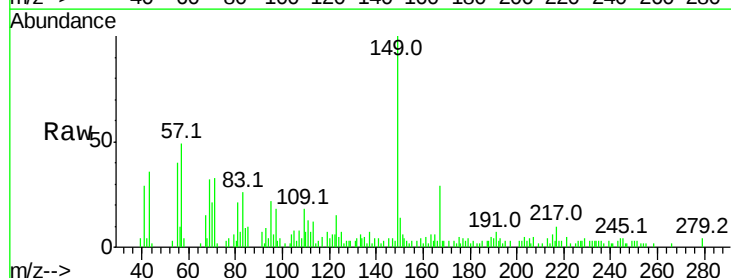
Manual Integrations
APPROVED

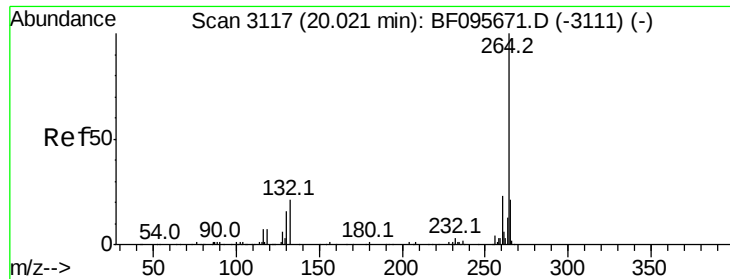
mohammad
6/29/2017 3:44:50 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.95 ng
RT: 18.32 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.0	31.4
279	4.2	1.9	2.9#





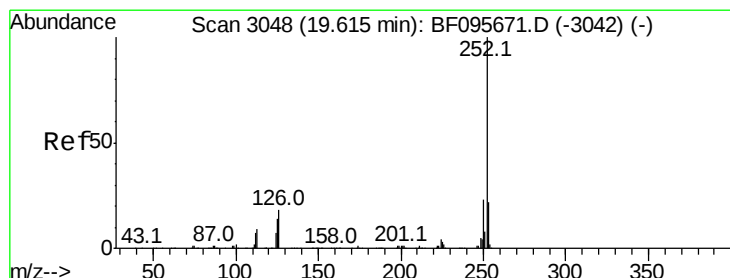
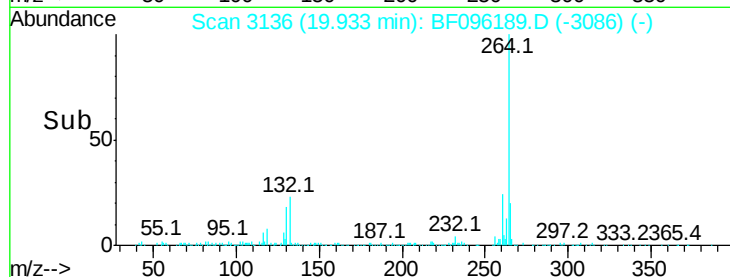
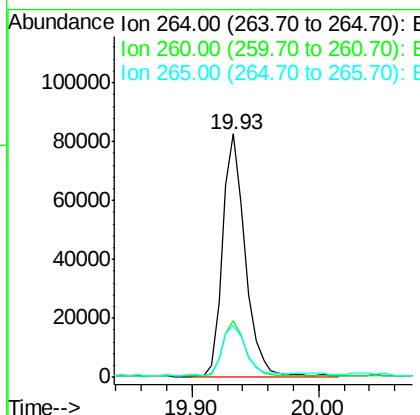
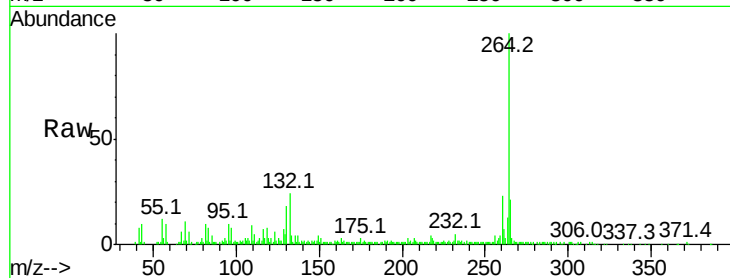
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.93 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Instrument :
BNA_F
ClientSampleId :
G-37-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.3	17.2	25.8

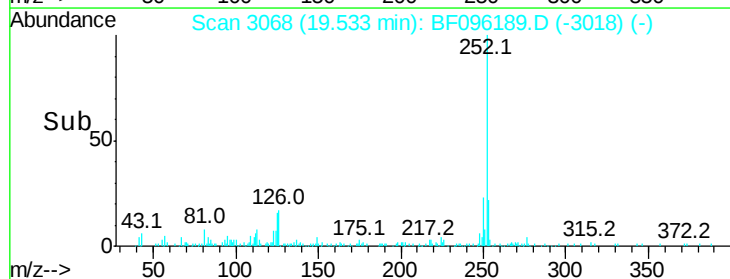
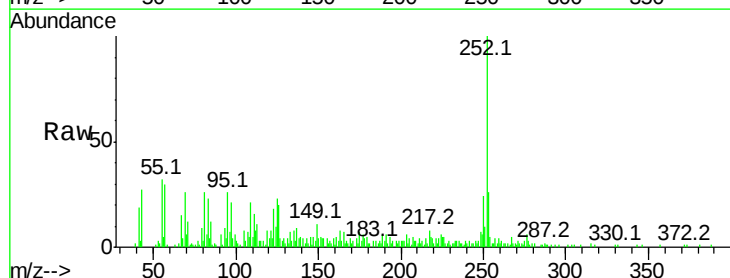
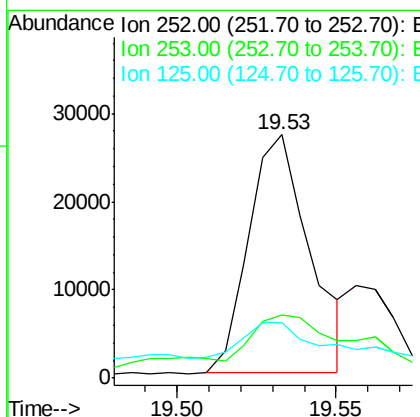
Manual Integrations
APPROVED

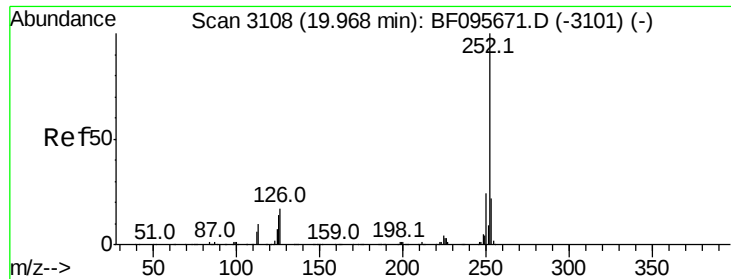
mohammad
6/29/2017 3:44:50 PM



#87
Benzo(b)fluoranthene
Concen: 5.56 ng m
RT: 19.53 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	22.6	9.8	14.8





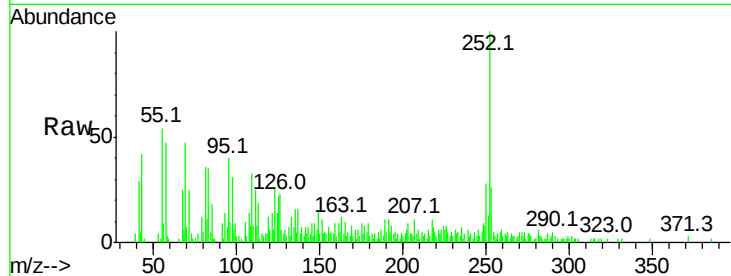
#89
Benzo(a)pyrene
Concen: 3.53 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Instrument :
BNA_F
ClientSampled :
G-37-0-1.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	22.3	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/29/2017 3:44:50 PM

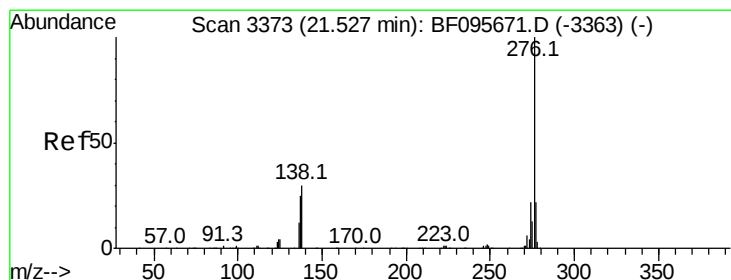
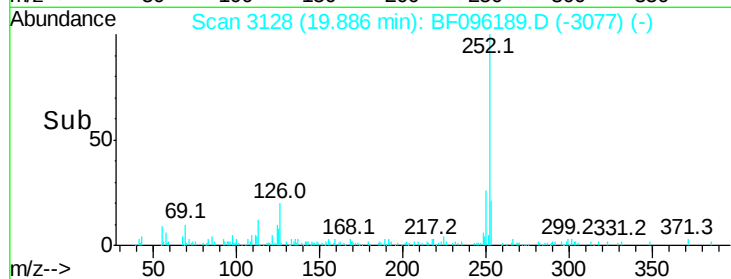
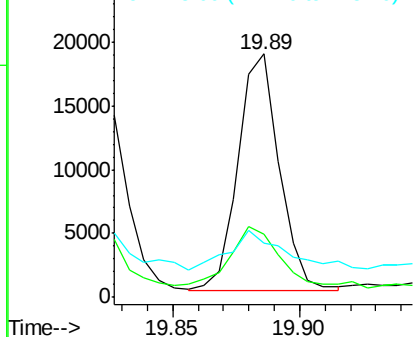


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.26 ng
RT: 21.44 min Scan# 3393
Delta R.T. 0.02 min
Lab File: BF096189.D
Acq: 24 Jun 2017 14:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.9	18.6	28.0
138	37.5	25.4	38.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

