

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095756.D
 Acq On : 7 Jun 2017 20:35
 Operator : SJ/MA
 Sample : I3479-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)20170604

Manual Integrations
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mohammad
 6/8/2017 12:19:03 PM

Quant Time: Jun 08 05:25:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	78647	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	306470	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	121540	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	180329	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	147902	20.00	ng	-0.01
86) Perylene-d12	20.02	264	108211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	434263	87.99	ng	-0.02
7) Phenol-d6	6.95	99	540173	91.42	ng	-0.01
23) Nitrobenzene-d5	8.30	82	295333	59.85	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	88134	81.96	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	586813	67.19	ng	-0.02
78) Terphenyl-d14	17.00	244	350168	58.76	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.89	163	110781	12.00	ng	99
70) Phenanthrene	14.67	178	42967	4.13	ng	98
74) Fluoranthene	16.44	202	105719	10.27	ng	99
77) Pyrene	16.75	202	98036	8.88	ng	98
80) Benzo(a)anthracene	18.33	228	52692	6.13	ng	97
82) Chrysene	18.38	228	51761m	6.02	ng	
85) Indeno(1,2,3-cd)pyrene	21.20	276	29479	4.01	ng	93
87) Benzo(b)fluoranthene	19.62	252	72269m	10.67	ng	
88) Benzo(k)fluoranthene	19.64	252	18456m	2.85	ng	
89) Benzo(a)pyrene	19.96	252	44442	7.14	ng	# 97
91) Benzo(g,h,i)perylene	21.54	276	25276	4.69	ng	96

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

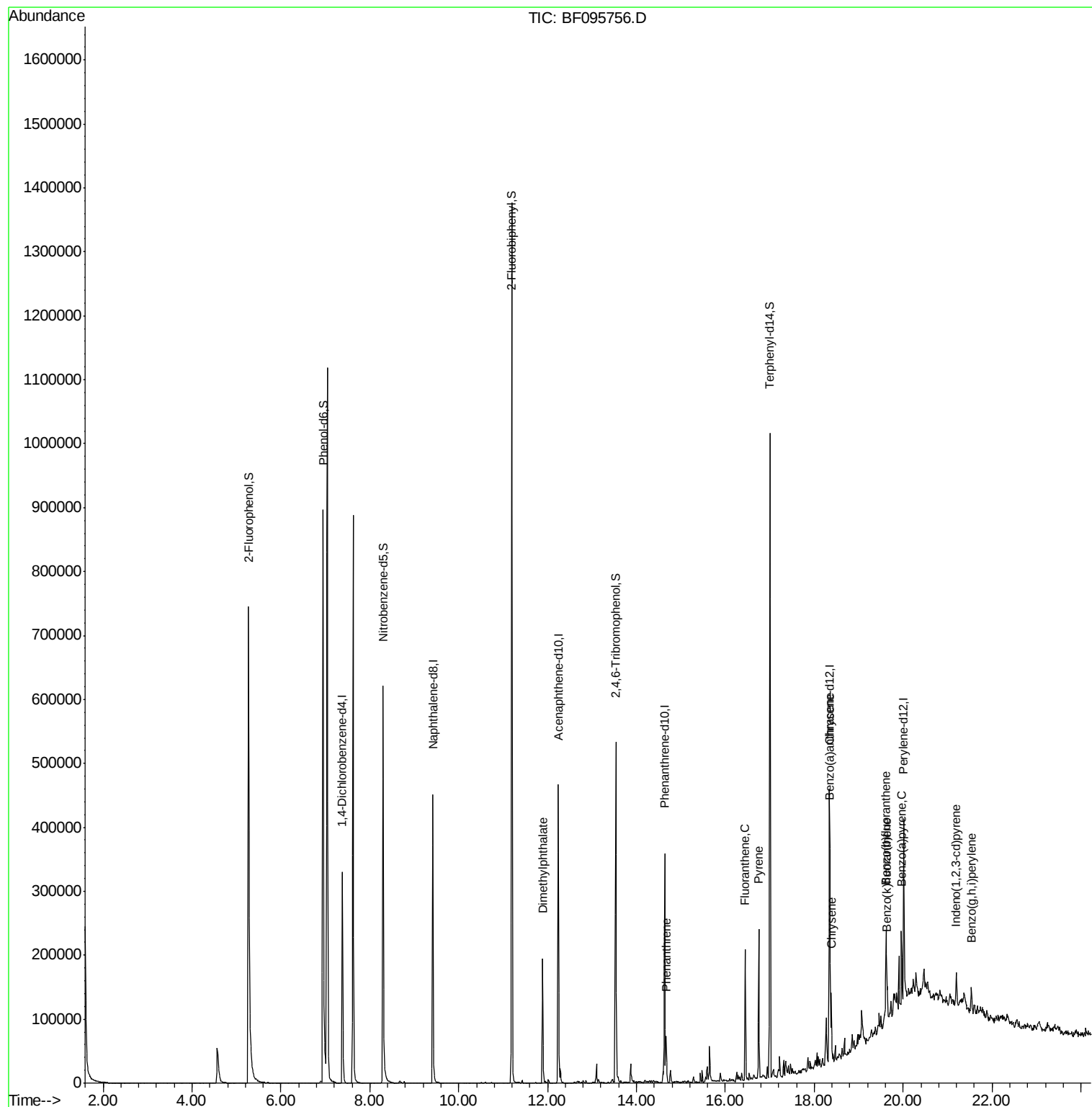
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095756.D
Acq On : 7 Jun 2017 20:35
Operator : SJ/MA
Sample : I3479-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170604

Manual Integrations
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Quant Time: Jun 08 05:25:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

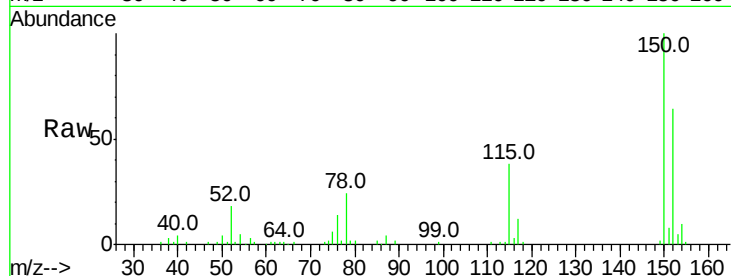
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170604

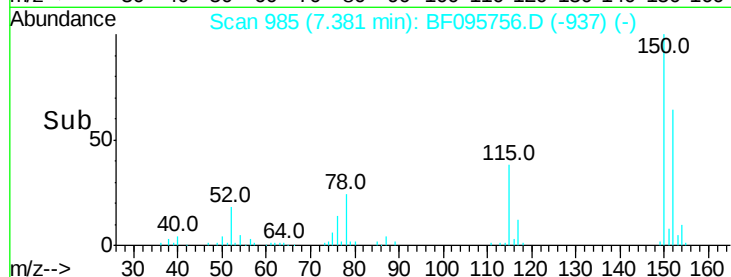
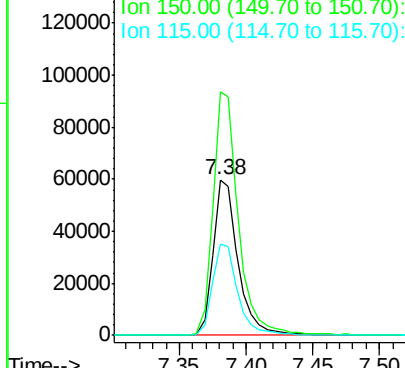
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	58.8	52.2	78.2

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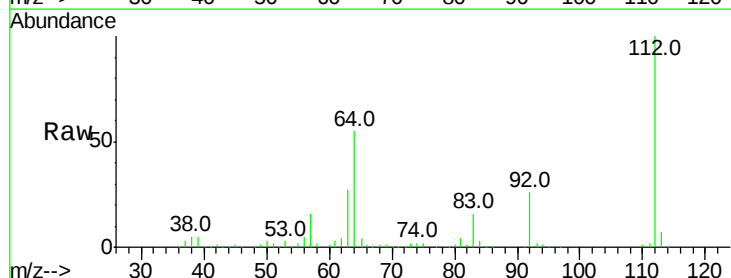
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



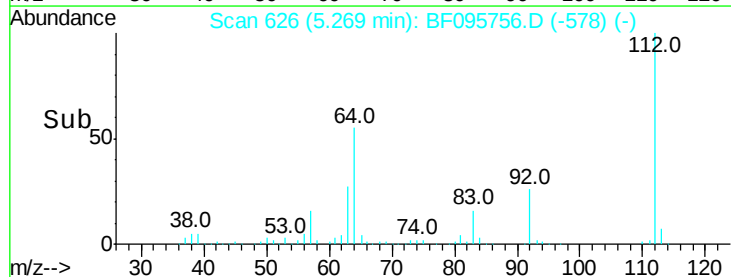
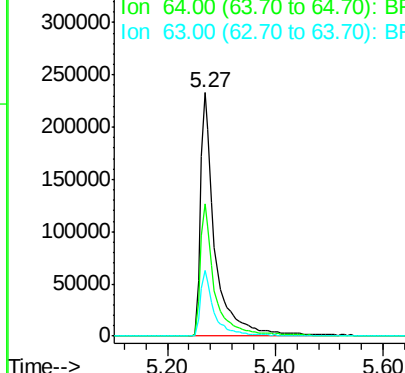
#5

2-Fluorophenol
Concen: 87.99 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	26.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.42 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095756.D

Acq: 7 Jun 2017 20:35

Instrument :

BNA_F

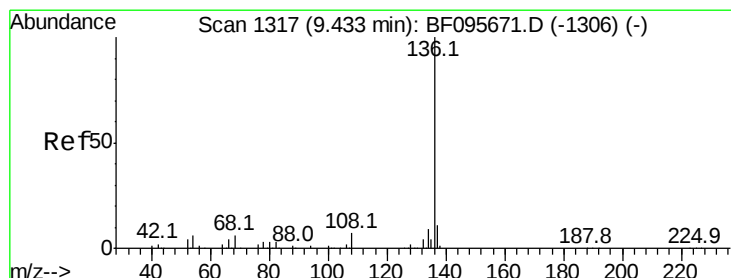
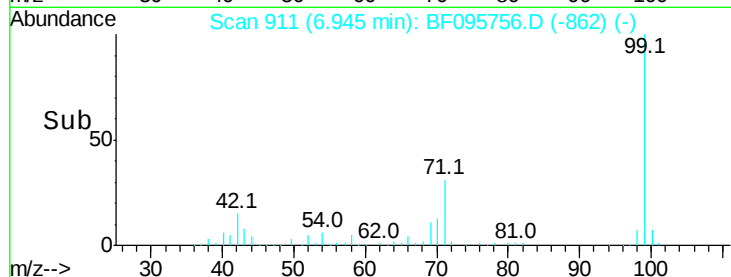
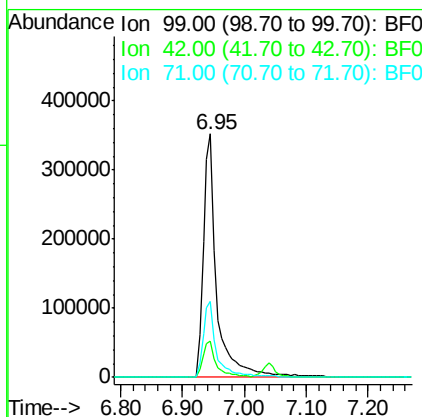
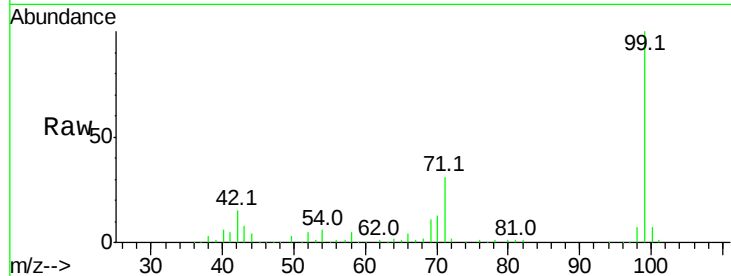
ClientSampleId :

SB-4(0-2)20170604

Tot Ion:	99	Resp:	540173
Ion Ratio	Lower	Upper	
99	100		
42	15.0	13.5	20.3
71	31.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

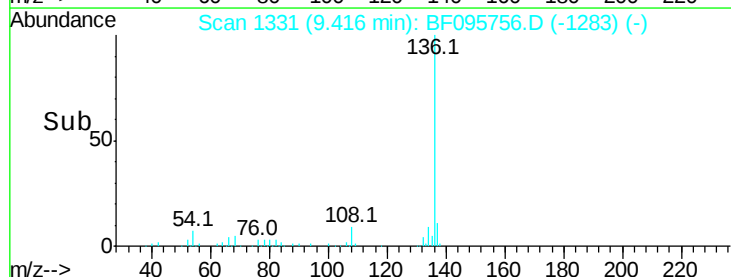
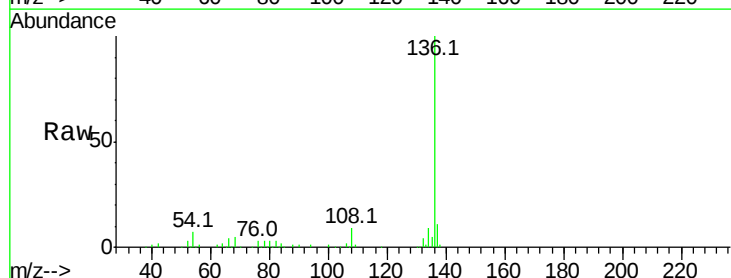
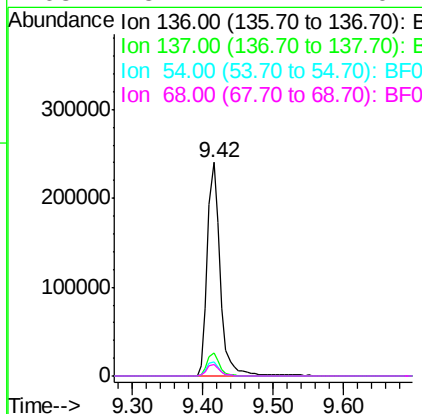
RT: 9.42 min Scan# 1331

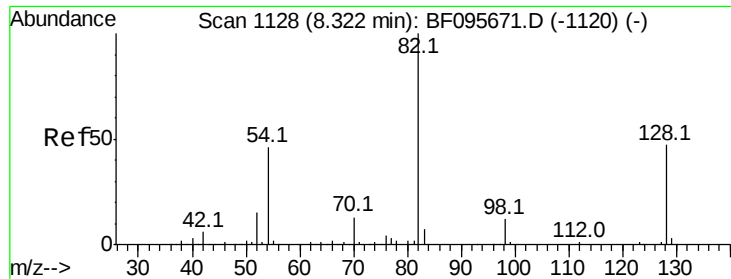
Delta R.T. -0.02 min

Lab File: BF095756.D

Acq: 7 Jun 2017 20:35

Tgt Ion:	136	Resp:	306470
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.6	4.9	7.3
68	5.4	4.1	6.1





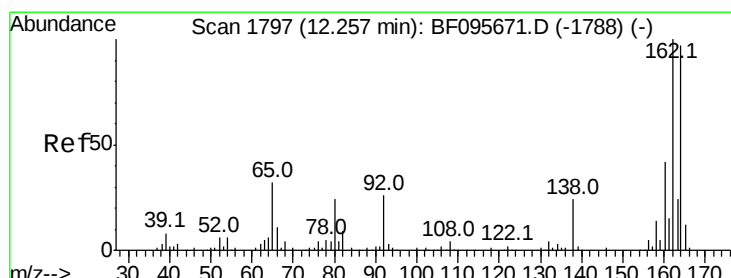
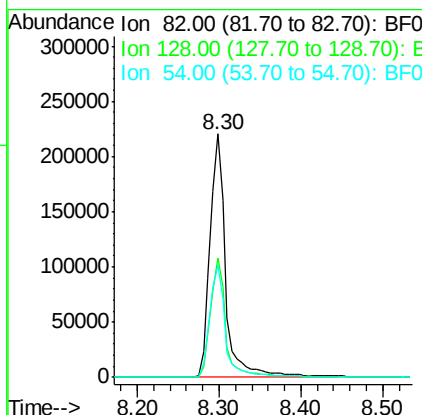
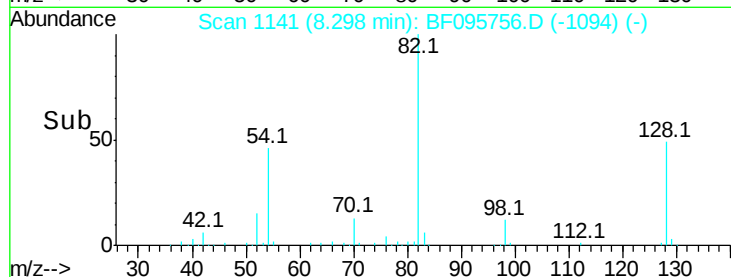
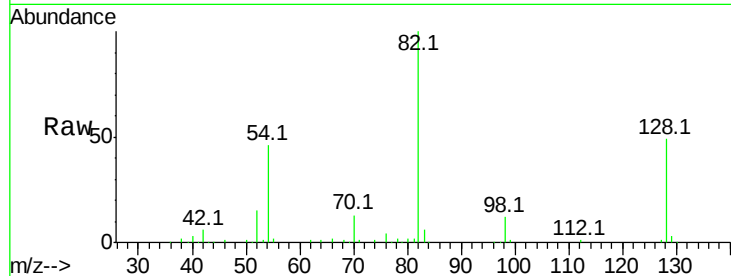
#23
 Nitrobenzene-d5
 Concen: 59.85 ng
 RT: 8.30 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF095756.D
 Acq: 7 Jun 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)20170604

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.9	34.0	51.0	
54	46.1	42.2	63.2	

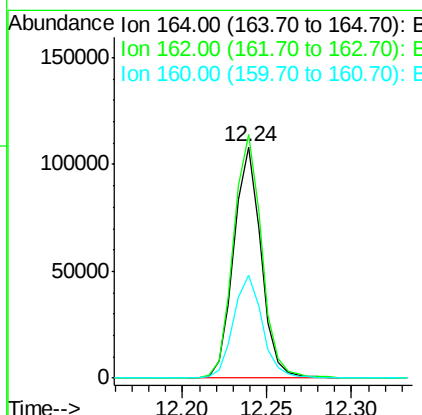
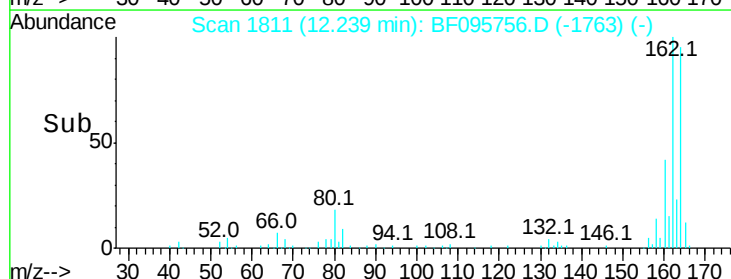
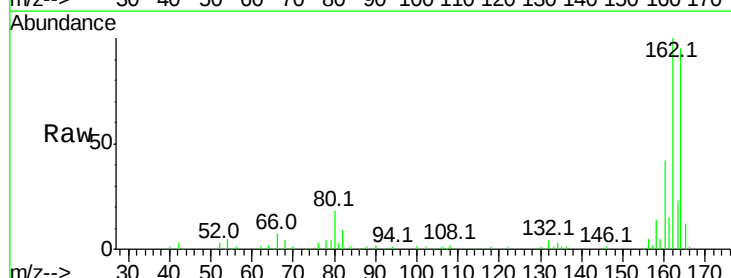
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. -0.02 min
 Lab File: BF095756.D
 Acq: 7 Jun 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	82.6	123.8	
160	44.5	36.2	54.2	





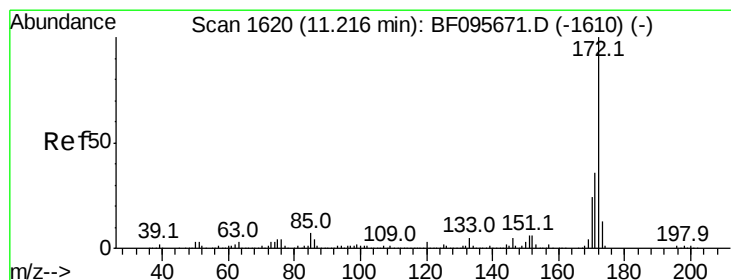
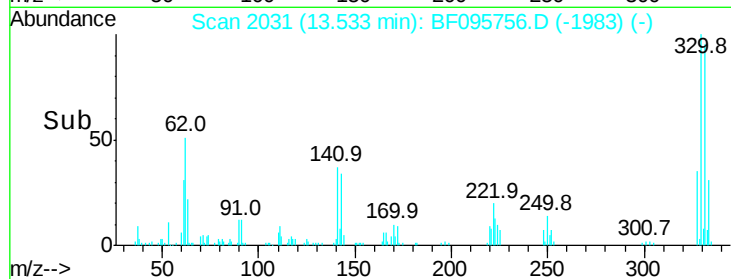
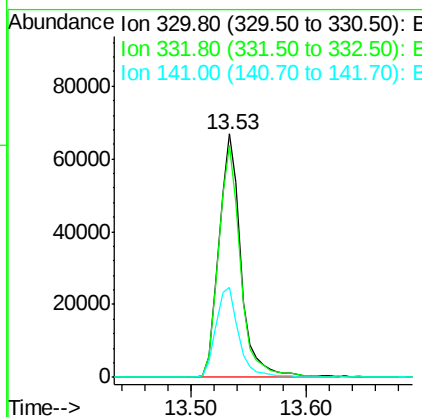
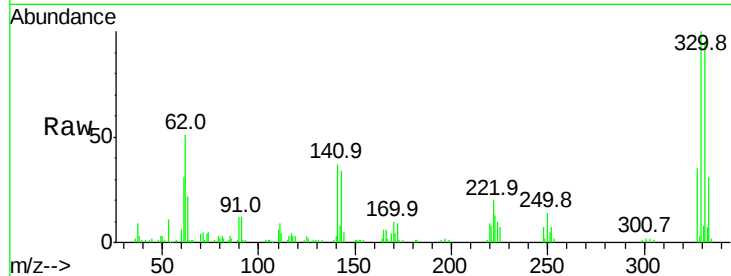
#41
 2,4,6-Tribromophenol
 Concen: 81.96 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095756.D
 Acq: 7 Jun 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)20170604

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	38.3	31.4	47.2

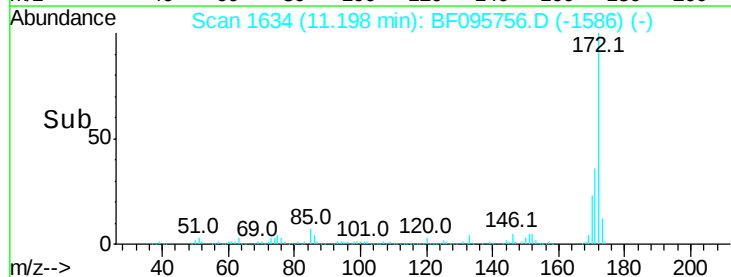
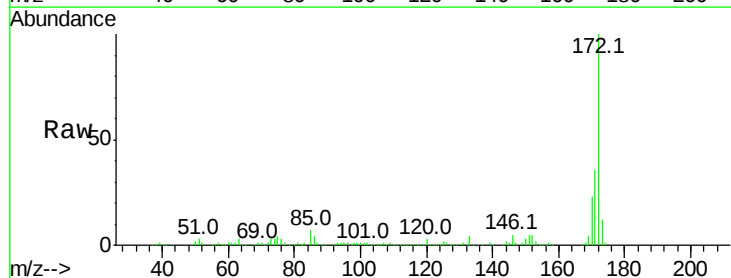
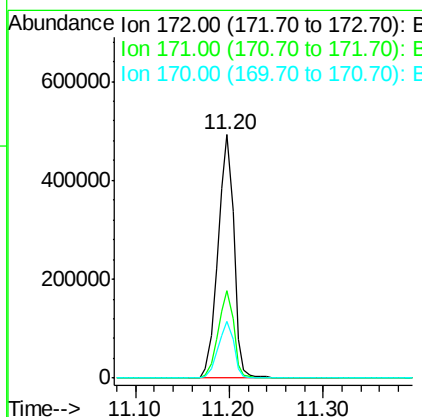
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#44
 2-Fluorobiphenyl
 Concen: 67.19 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095756.D
 Acq: 7 Jun 2017 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.2	19.8	29.8





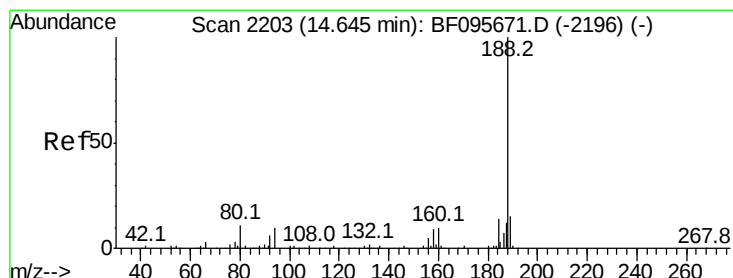
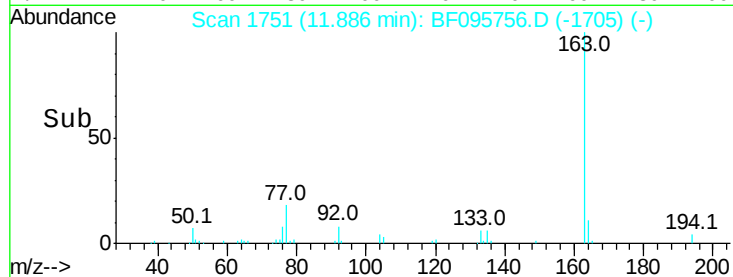
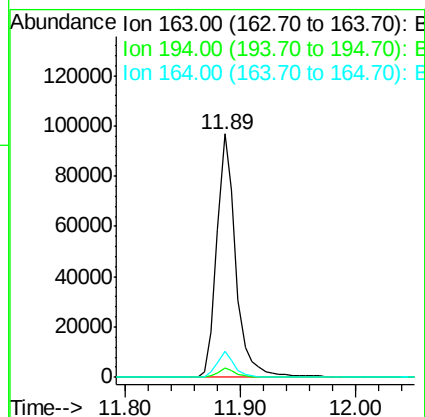
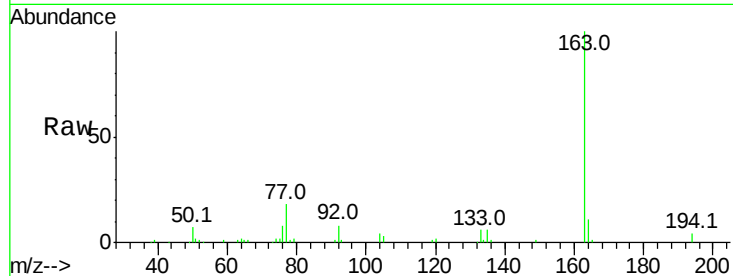
#49
Dimethylphthalate
Concen: 12.00 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170604

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.6	4.0	
164	10.6	8.4	12.6	

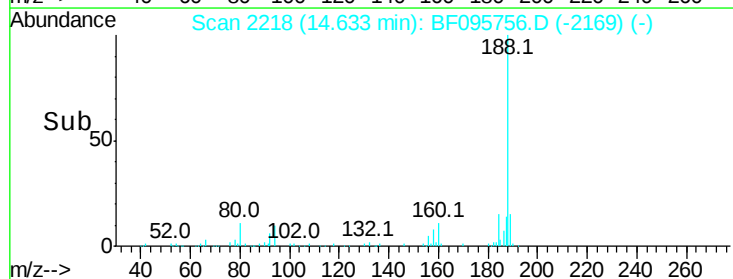
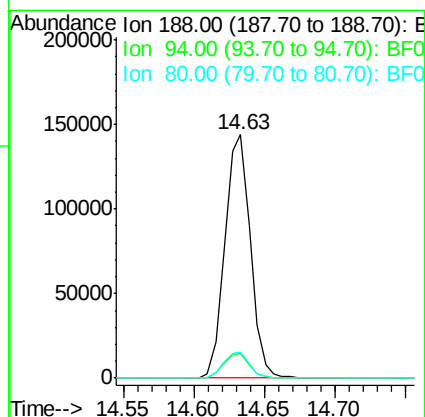
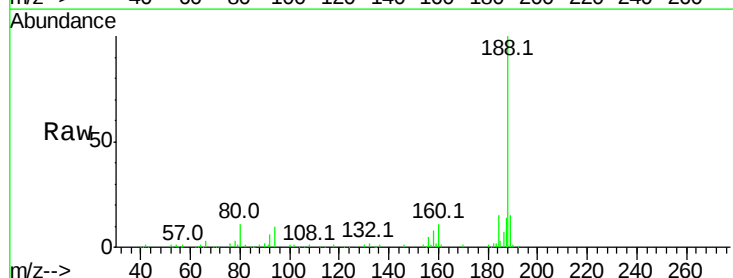
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.4	9.4	14.2	
80	10.7	10.2	15.2	





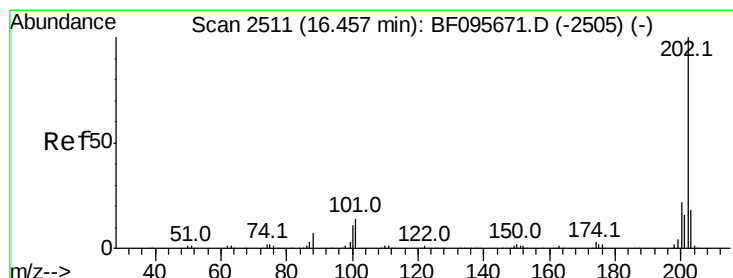
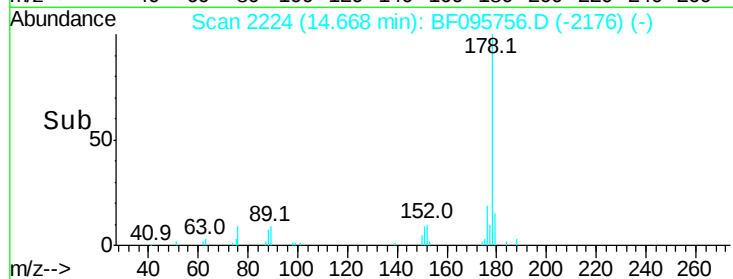
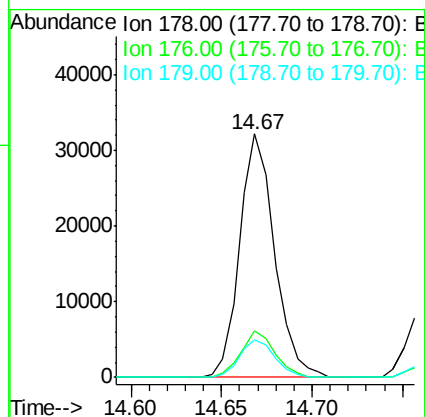
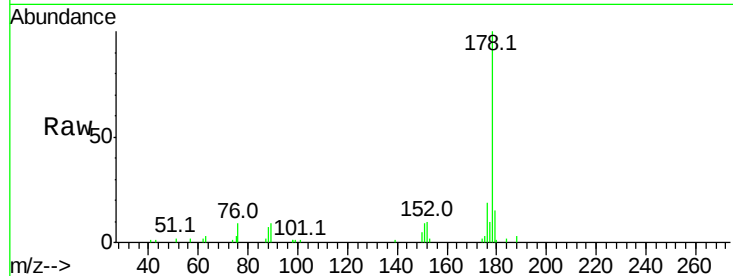
#70
Phenanthrene
Concen: 4.13 ng
RT: 14.67 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170604

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.3	12.6	19.0

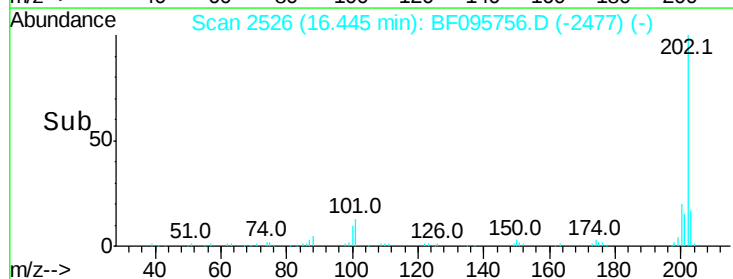
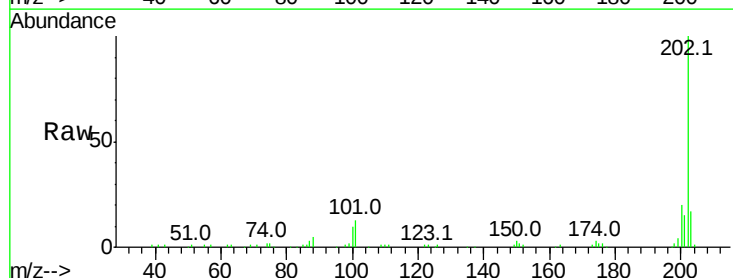
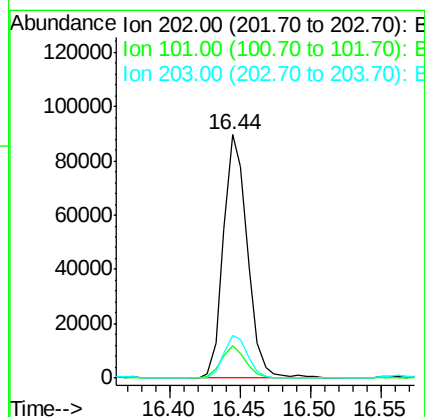
Manual Integrations
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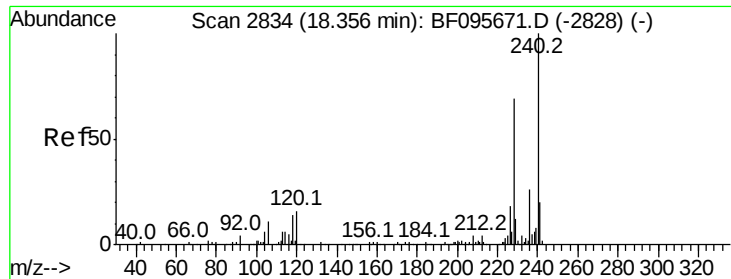
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#74
Fluoranthene
Concen: 10.27 ng
RT: 16.44 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BF095756.D

Acq: 7 Jun 2017 20:35

Instrument :

BNA_F

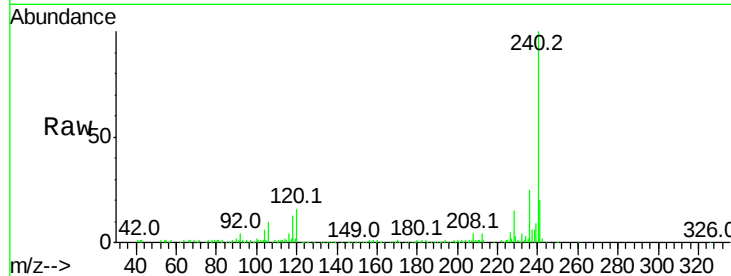
ClientSampleId :

SB-4(0-2)20170604

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	25.4	20.5	30.7

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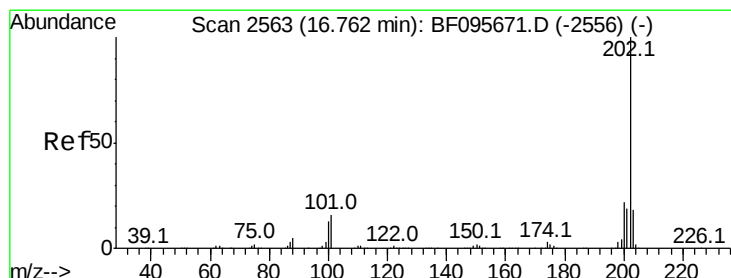
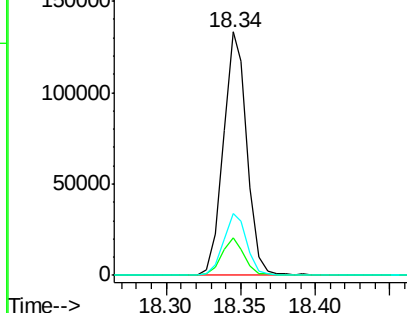
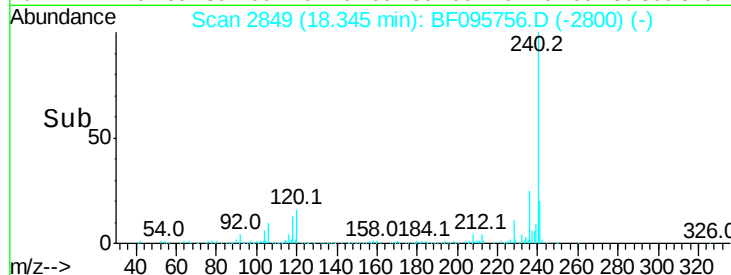
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.88 ng

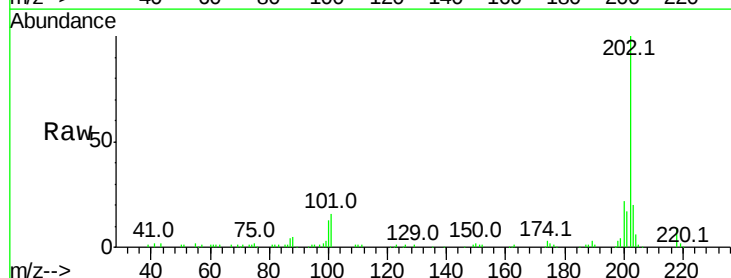
RT: 16.75 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095756.D

Acq: 7 Jun 2017 20:35

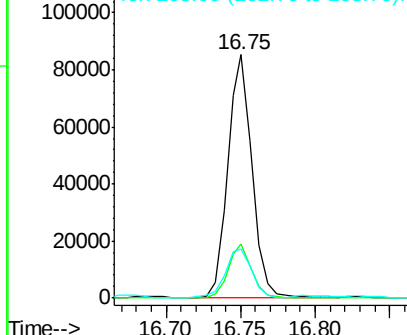
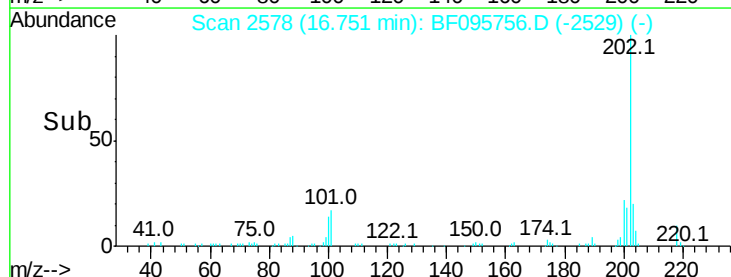
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	19.9	14.4	21.6



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





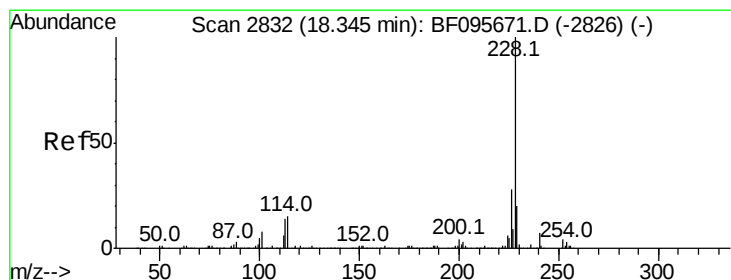
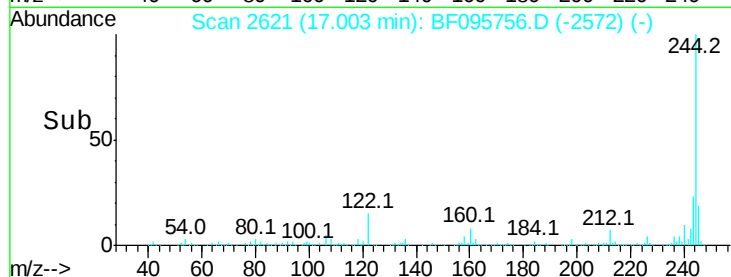
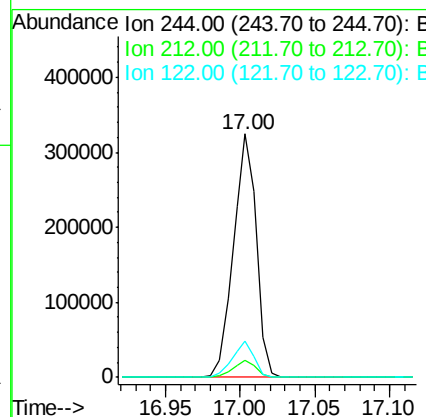
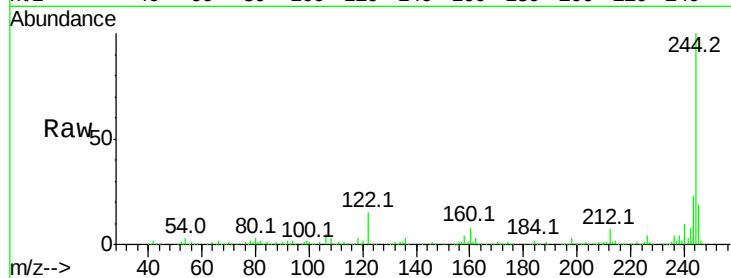
#78
 Terphenyl-d14
 Concen: 58.76 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095756.D
 Acq: 7 Jun 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)20170604

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.8	10.3	15.5

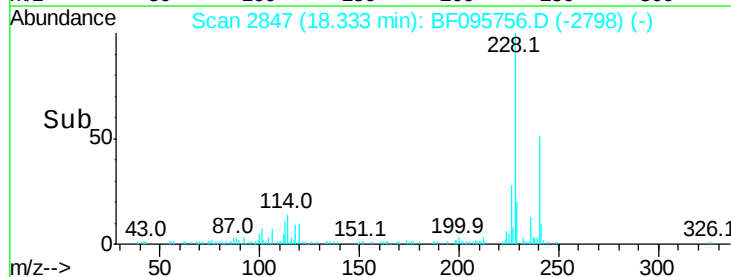
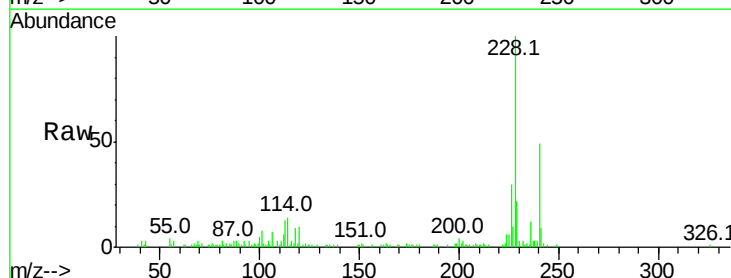
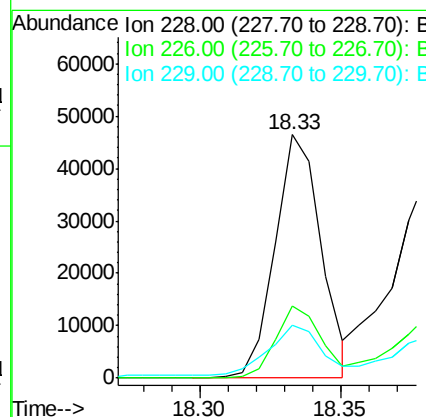
Manual Integrations
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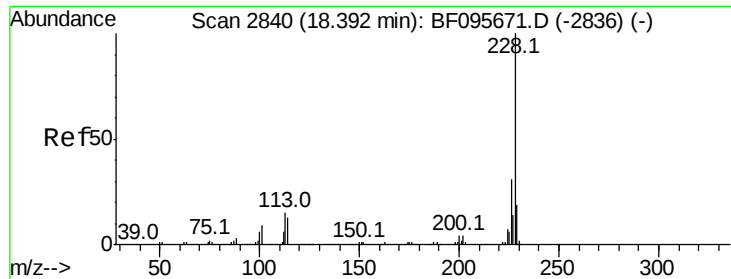
mohammad
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#80
 Benzo(a)anthracene
 Concen: 6.13 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095756.D
 Acq: 7 Jun 2017 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.6	16.3	24.5





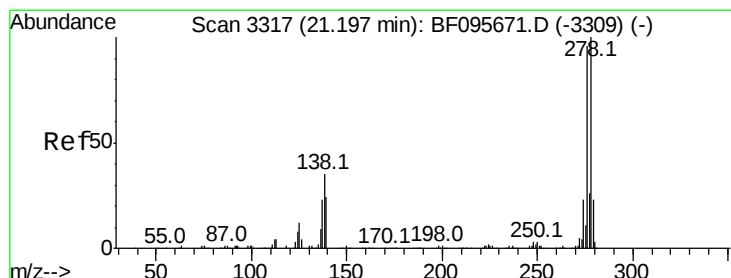
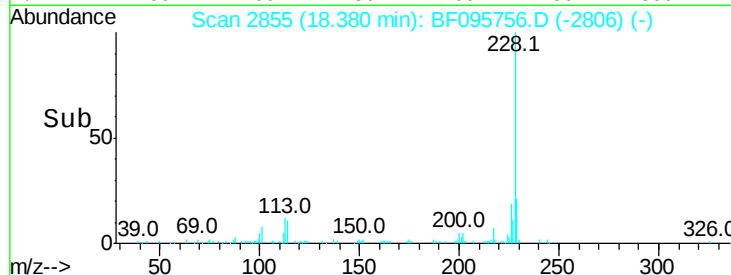
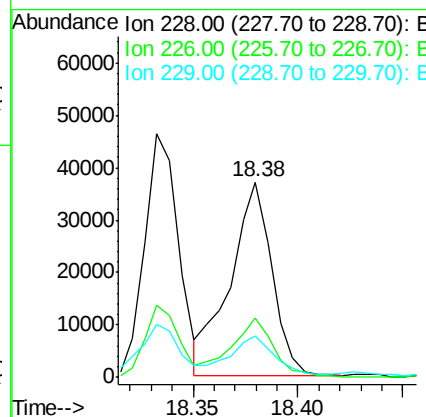
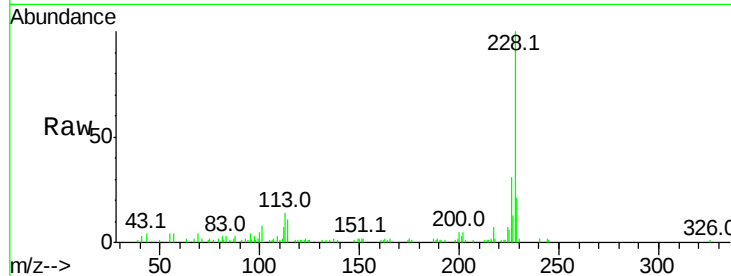
#82
Chrysene
Concen: 6.02 ng/ml
RT: 18.38 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170604

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.1	15.8	23.6

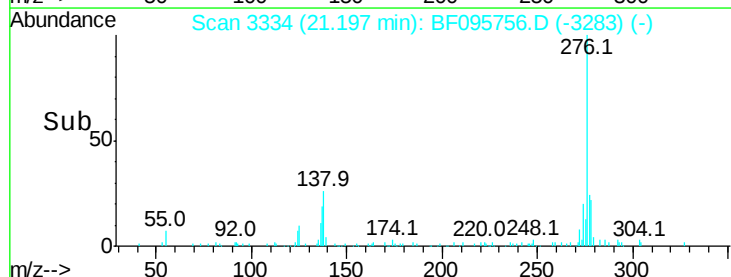
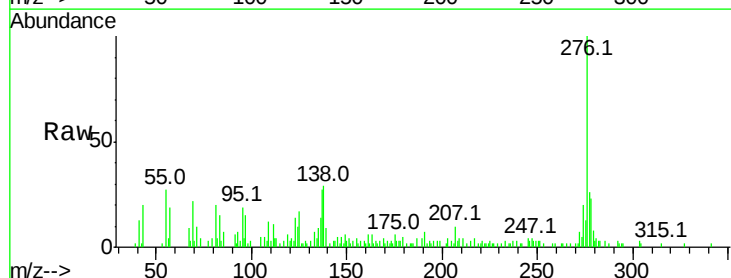
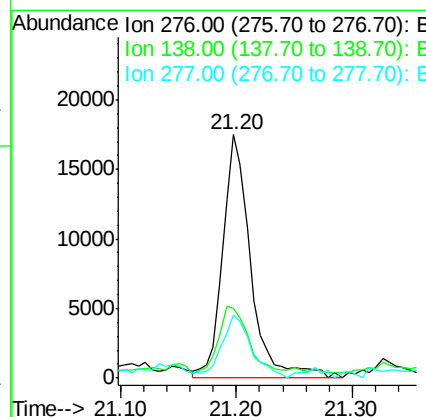
Manual Integrations
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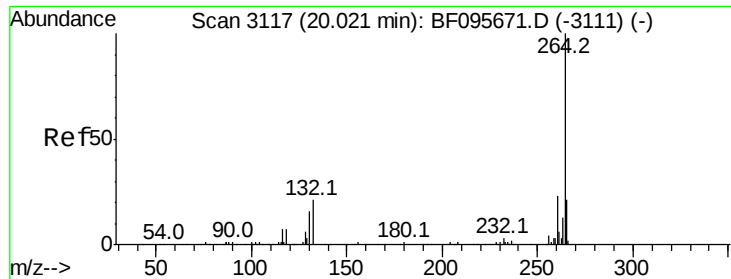
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.01 ng
RT: 21.20 min Scan# 3334
Delta R.T. -0.00 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.8	41.6
277	26.8	20.2	30.4





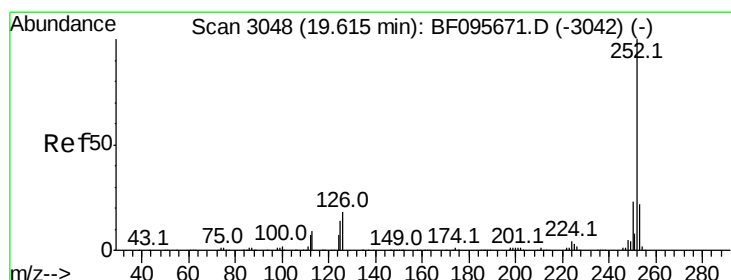
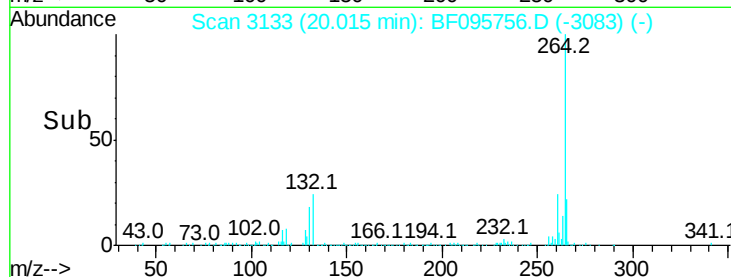
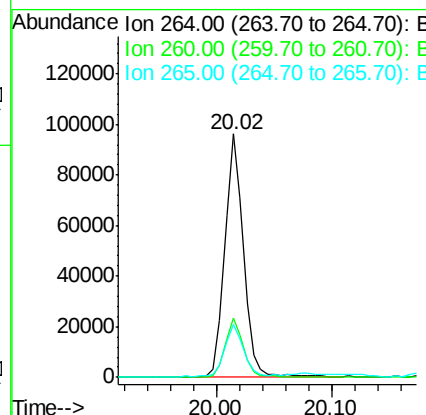
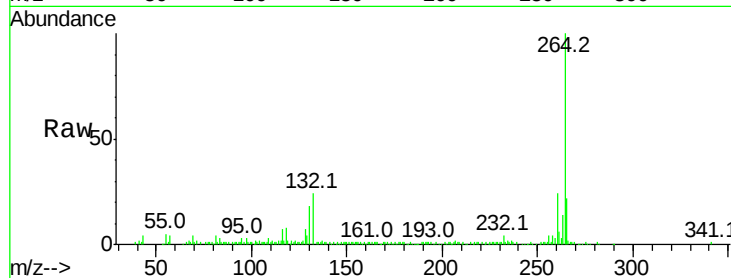
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170604

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	17.2	25.8

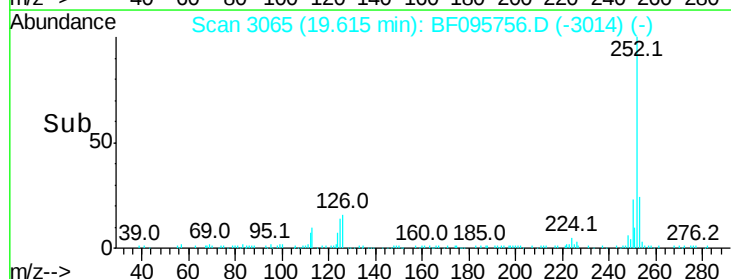
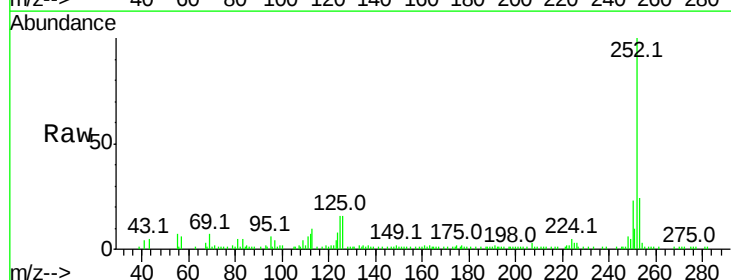
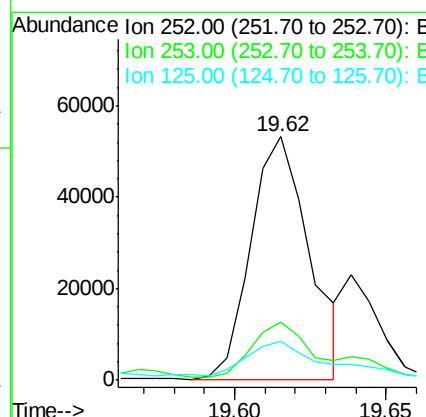
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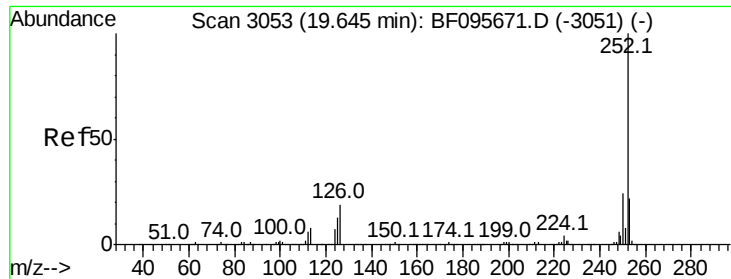
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#87
Benzo(b)fluoranthene
Concen: 10.67 ng m
RT: 19.62 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	15.9	9.8	14.8





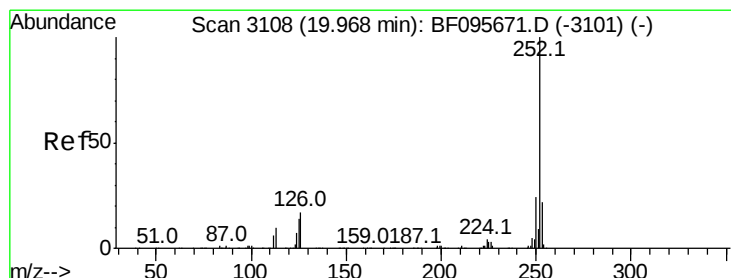
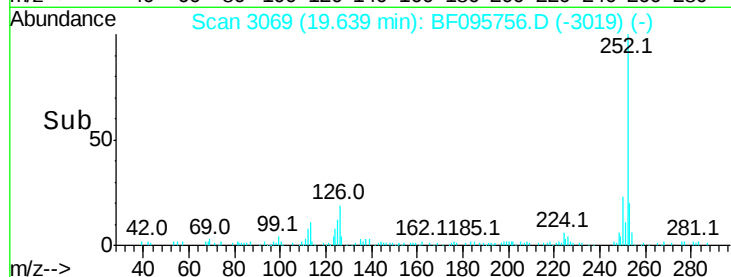
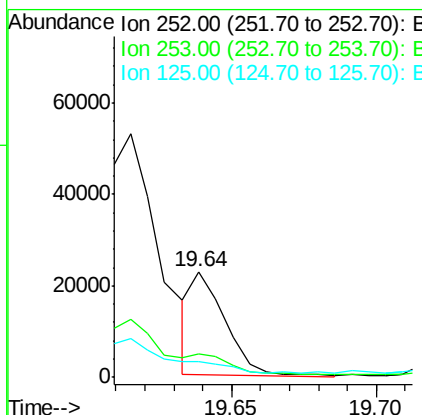
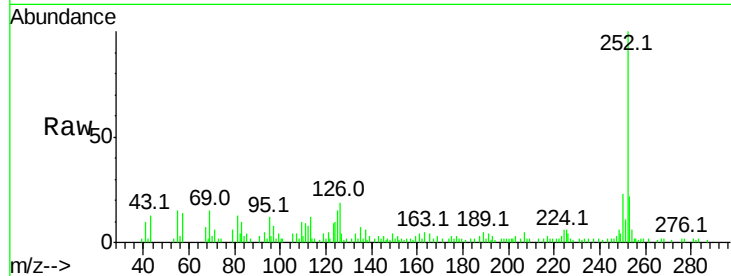
#88
Benzo(k)fluoranthene
Concen: 2.85 ng m
RT: 19.64 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170604

Tot Ion:	252	Resp:	18456
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.4	27.6
125	15.3	13.1	19.7

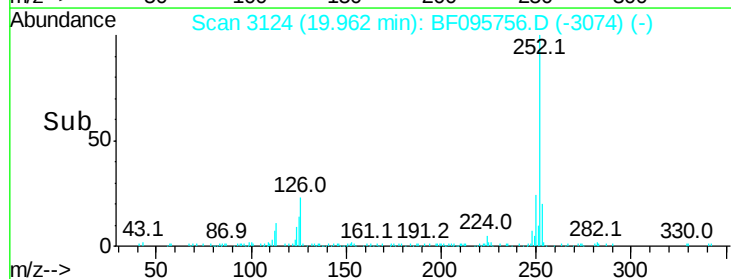
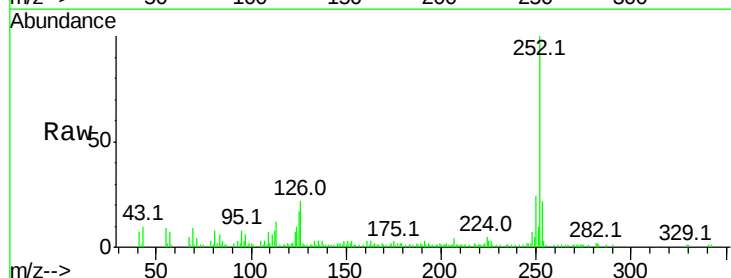
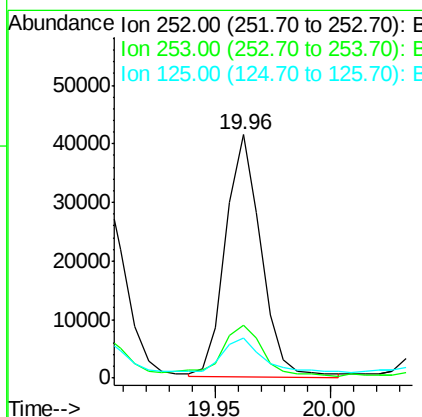
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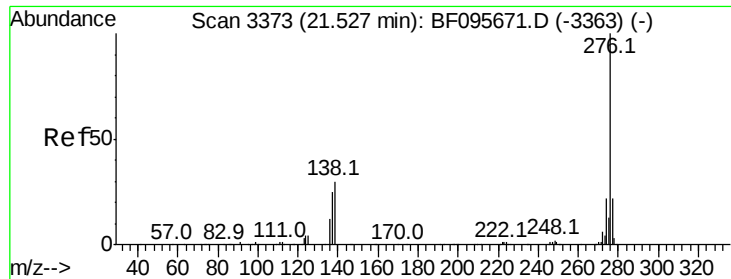
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#89
Benzo(a)pyrene
Concen: 7.14 ng
RT: 19.96 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:	252	Resp:	44442
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	16.7	11.0	16.4#





#91
Benzo(a,h,i)perylene
Concen: 4.69 ng
RT: 21.54 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170604

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	28.0
138	30.9	25.4	38.0

Manual Integrations
APPROVED

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