

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094295.D
 Acq On : 12 Oct 2017 00:46
 Operator : SJ/JU
 Sample : I5490-06DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-69(1-3)-092717DL

Manual Integrations
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Quant Time: Oct 12 19:39:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1645	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8064	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4610	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9376	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9273	0.40	ng/ul	0.01
20) Perylene-d12	23.98	264	8385	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	579	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1378	0.04	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.76	128	7453	0.377	ng/ul#	95
5) 2-Methylnaphthalene	12.37	142	2496	0.195	ng/ul	98
7) Acenaphthylene	14.26	152	1011	0.056	ng/ul#	57
8) Acenaphthene	14.60	153	963	0.065	ng/ul	92
9) Fluorene	15.58	166	2561	0.148	ng/ul#	81
12) Phenanthrene	17.31	178	42043	1.716	ng/ul#	90
13) Anthracene	17.39	178	9385	0.394	ng/ul#	84
15) Fluoranthene	19.33	202	85045	2.642	ng/ul	84
17) Pyrene	19.69	202	83046	3.219	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	46696	1.898	ng/ul#	79
19) Chrysene	21.47	228	52150	1.836	ng/ul#	76
21) Benzo(b)fluoranthene	23.20	252	64330m	2.824	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	22996m	0.873	ng/ul	
23) Benzo(a)pyrene	23.86	252	42018	1.775	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	26.68	276	24640	1.018	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.67	278	6588	0.324	ng/ul#	1
26) Benzo(a,h,i)perylene	27.52	276	22086	1.058	ng/ul#	33

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

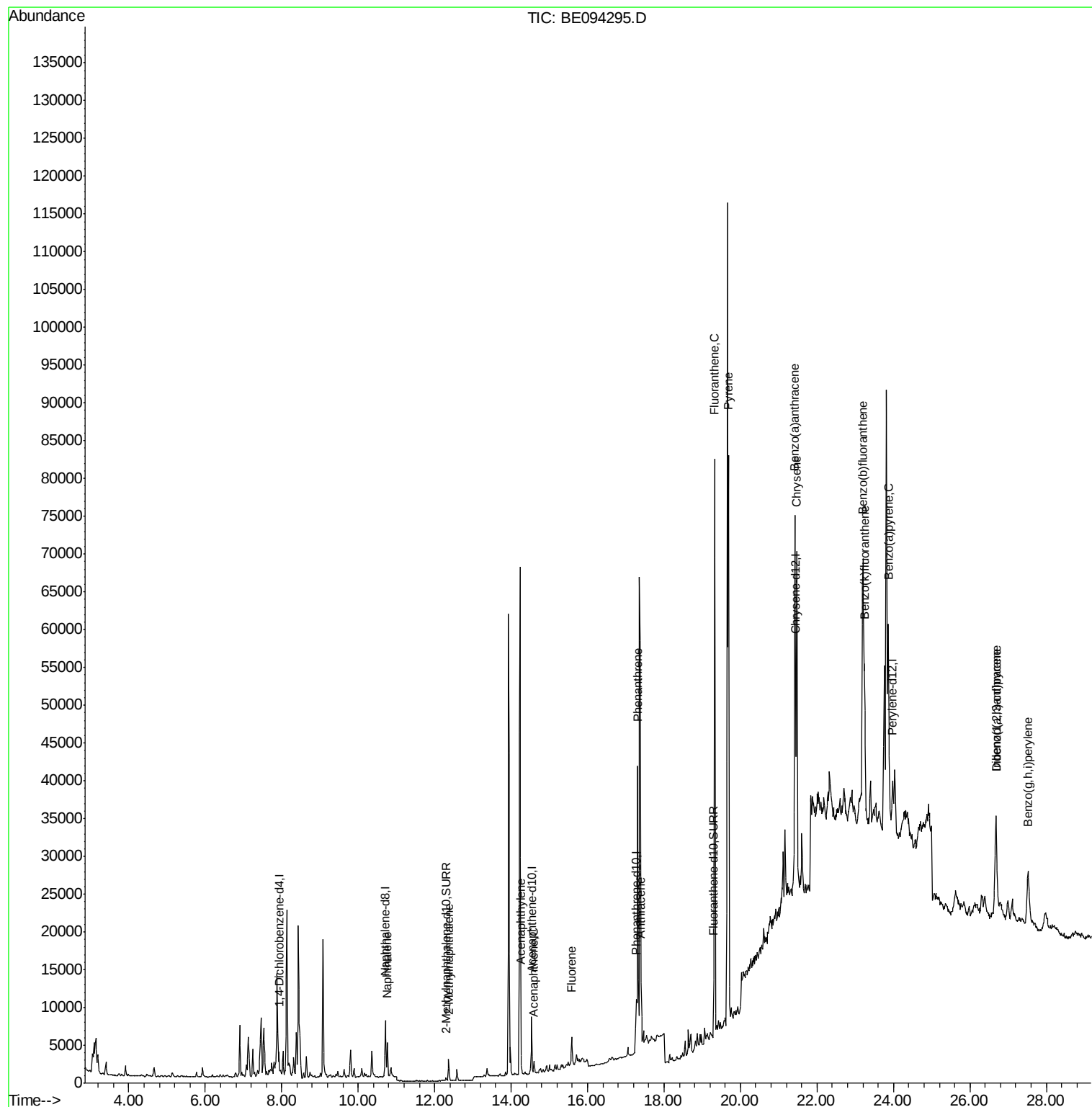
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
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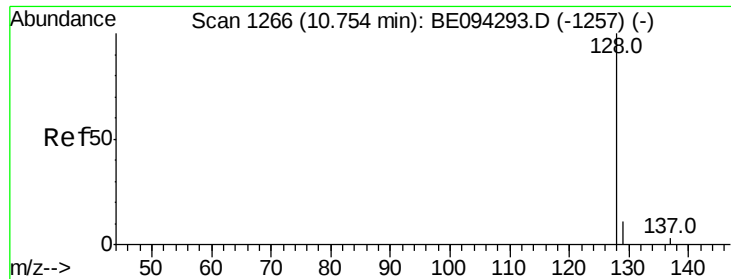
Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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#3

Naphthalene

Concen: 0.377 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE094295.D

Acq: 12 Oct 2017 00:46

Instrument :

BNA_E

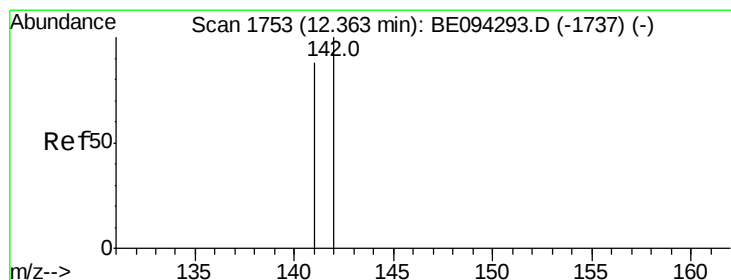
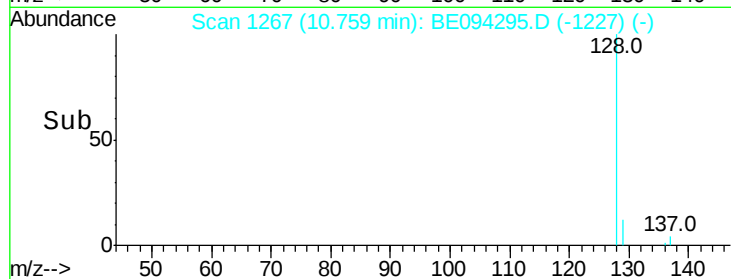
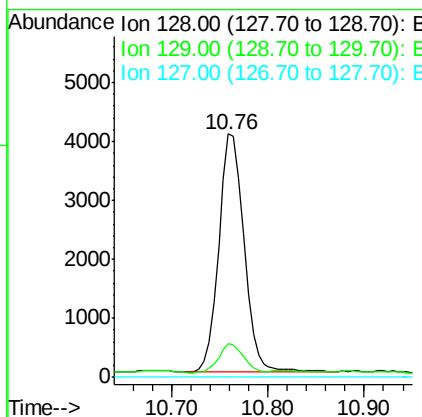
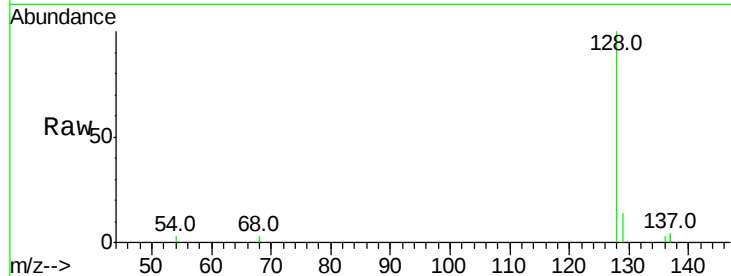
ClientSampleId :

B-69(1-3)-092717DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.195 ng/ul

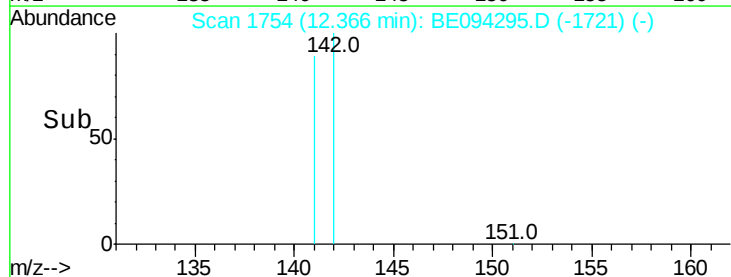
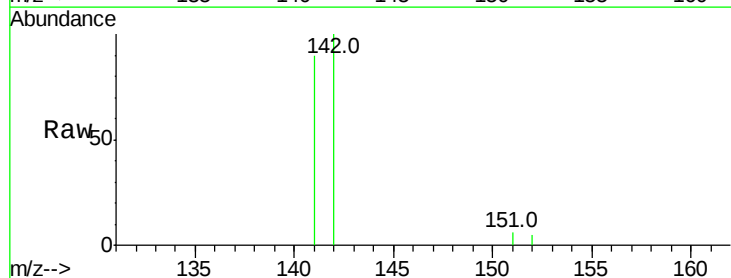
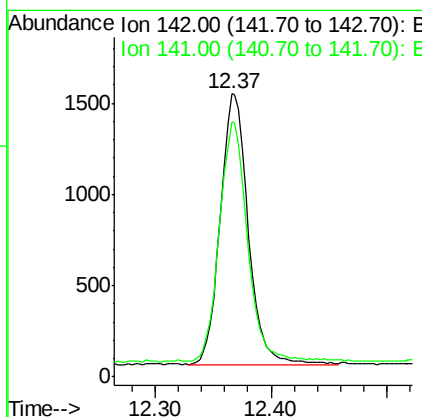
RT: 12.37 min Scan# 1754

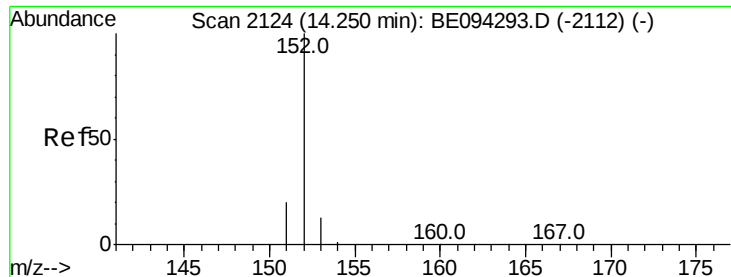
Delta R.T. 0.00 min

Lab File: BE094295.D

Acq: 12 Oct 2017 00:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094295.D

Acq: 12 Oct 2017 00:46

Instrument :

BNA_E

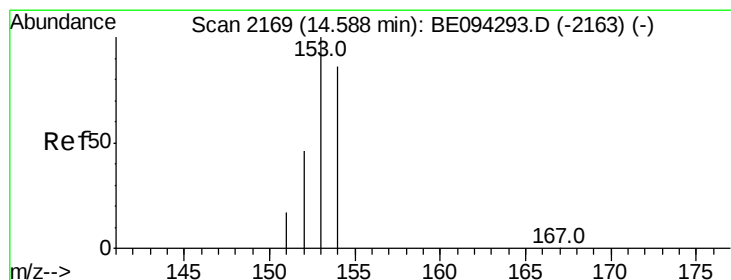
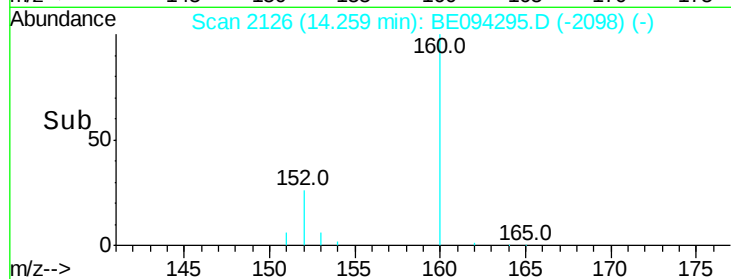
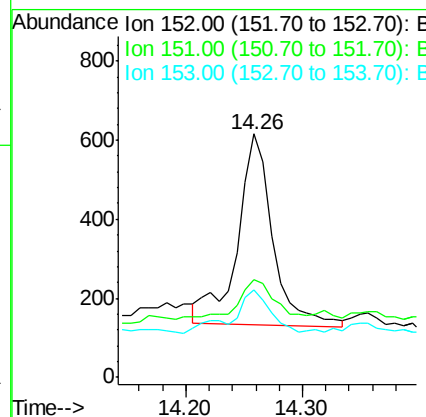
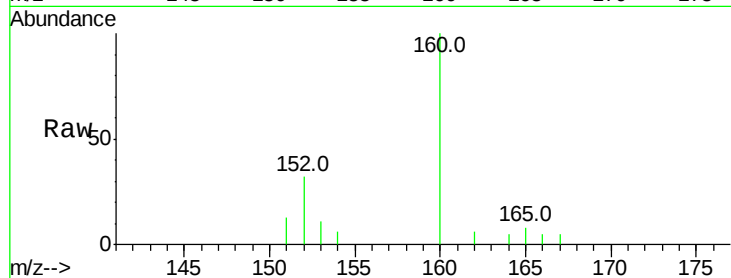
ClientSampleId :

B-69(1-3)-092717DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	39.9	17.1	25.7#
153	35.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.065 ng/ul

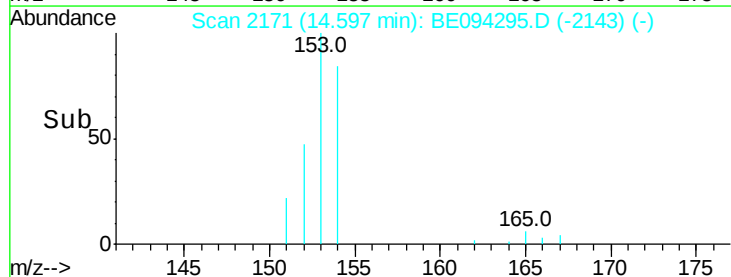
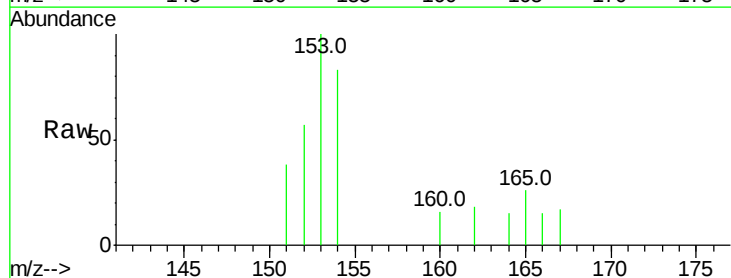
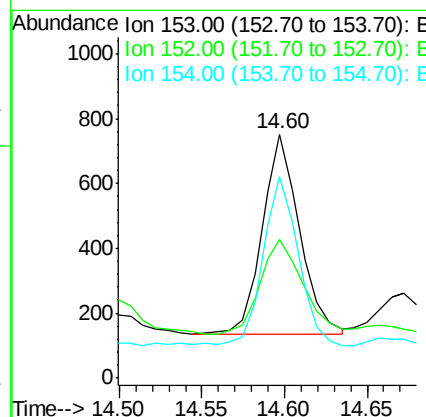
RT: 14.60 min Scan# 2171

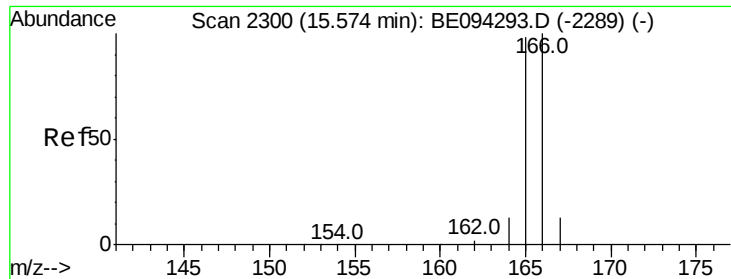
Delta R.T. 0.01 min

Lab File: BE094295.D

Acq: 12 Oct 2017 00:46

Tgt Ion	Ratio	Lower	Upper
153	100		
152	57.0	40.3	60.5
154	82.7	71.4	107.2





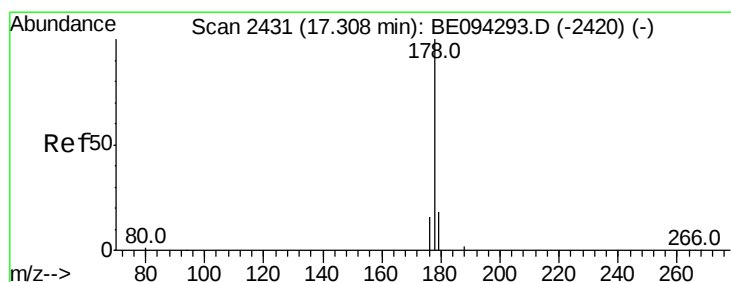
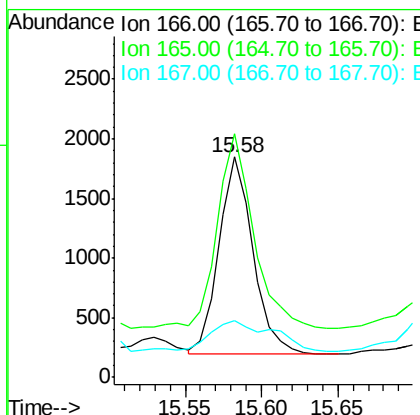
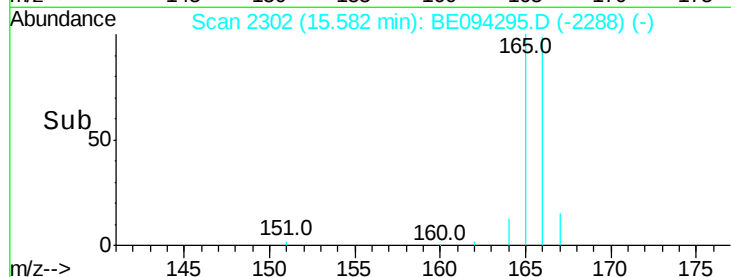
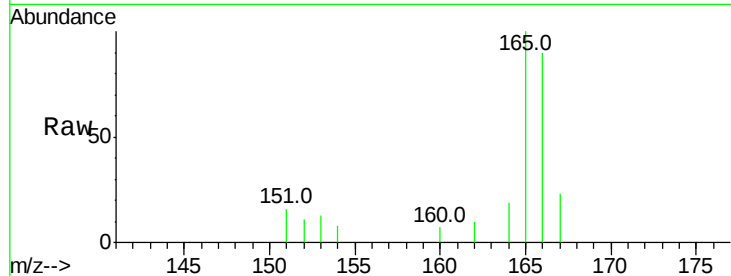
#9
Fluorene
Concen: 0.148 ng/ul
RT: 15.58 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	110.5	73.4	110.2#
167	25.5	14.6	22.0#

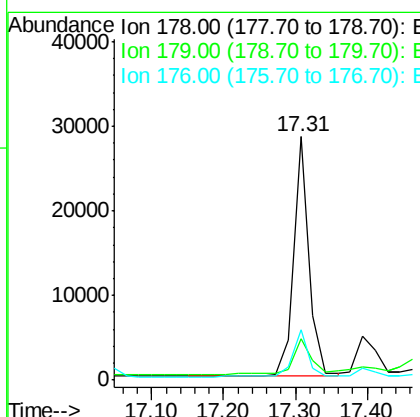
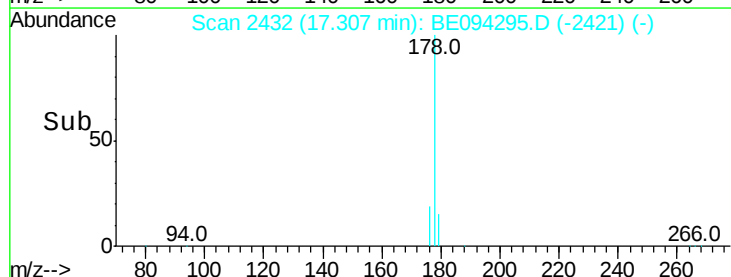
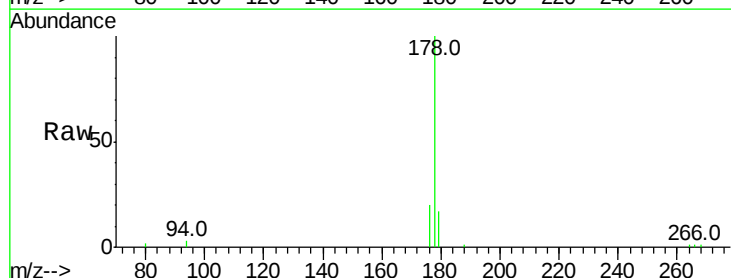
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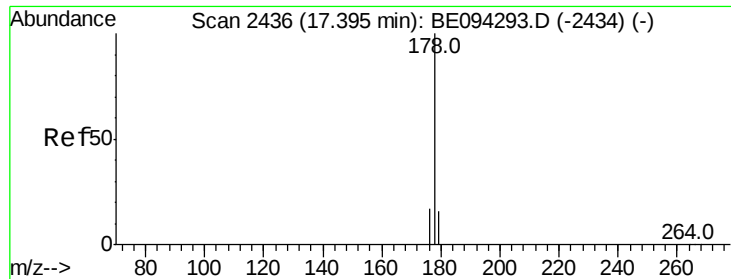
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#12
Phenanthrene
Concen: 1.716 ng/ul
RT: 17.31 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	20.4	13.6	20.4#





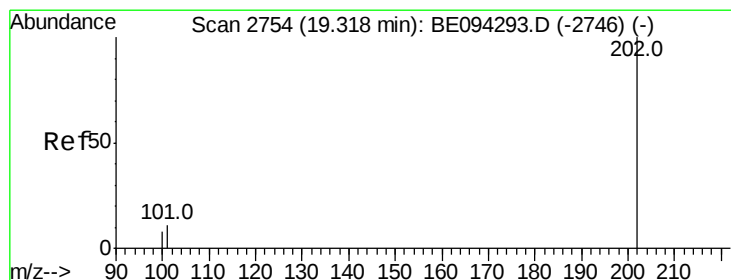
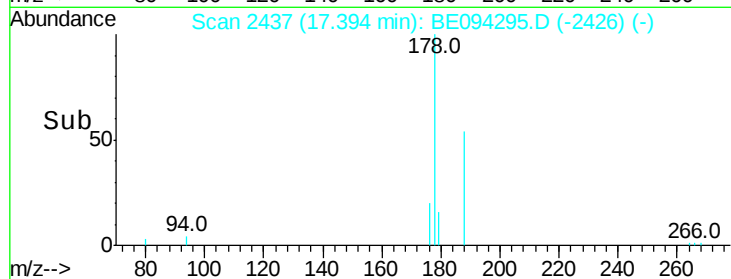
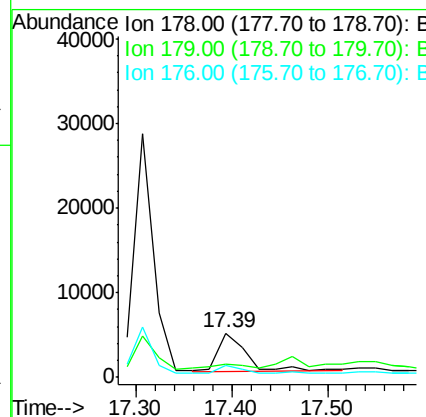
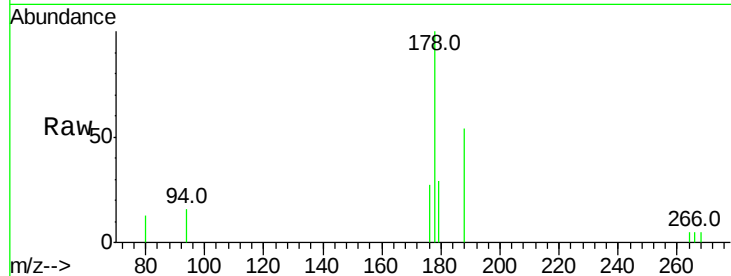
#13
 Anthracene
 Concen: 0.394 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BE094295.D
 Acq: 12 Oct 2017 00:46

Instrument :
 BNA_E
 ClientSampleId :
 B-69(1-3)-092717DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	28.6	18.1	27.1#
176	27.3	14.7	22.1#

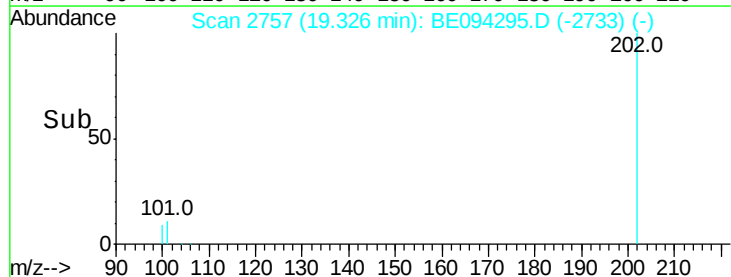
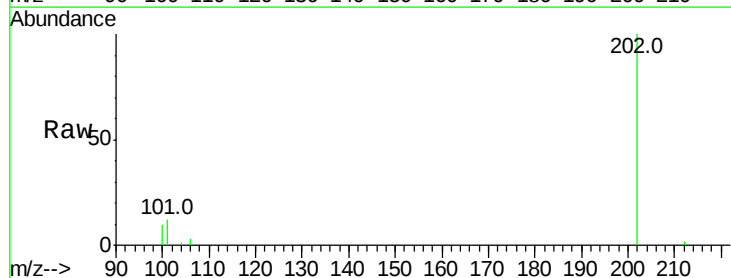
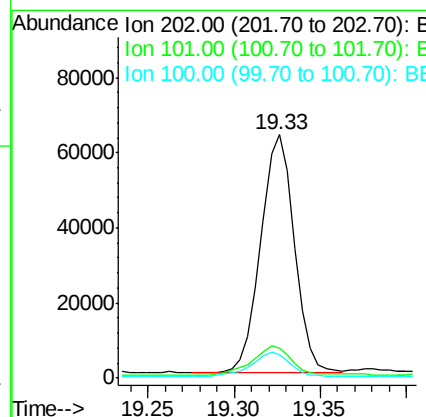
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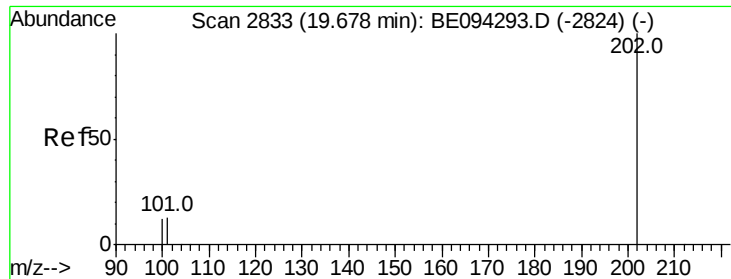
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#15
 Fluoranthene
 Concen: 2.642 ng/ul
 RT: 19.33 min Scan# 2757
 Delta R.T. 0.01 min
 Lab File: BE094295.D
 Acq: 12 Oct 2017 00:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
100	9.6	0.0	39.5





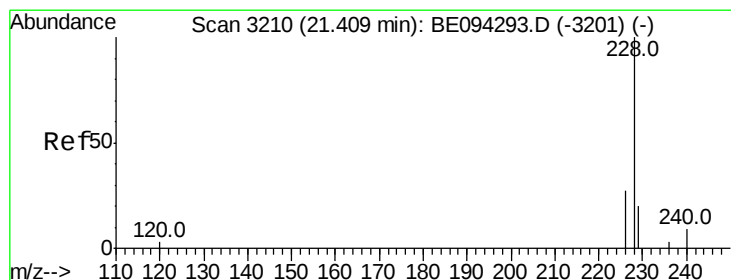
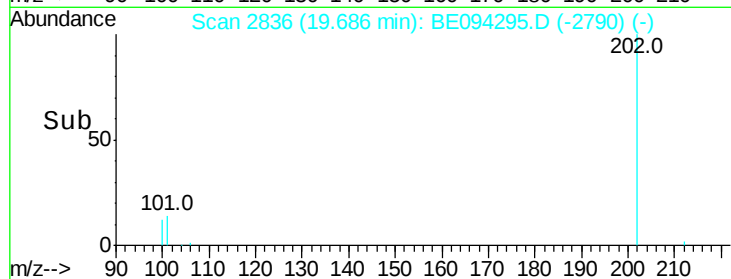
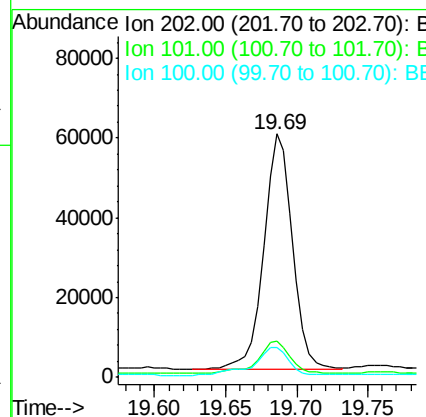
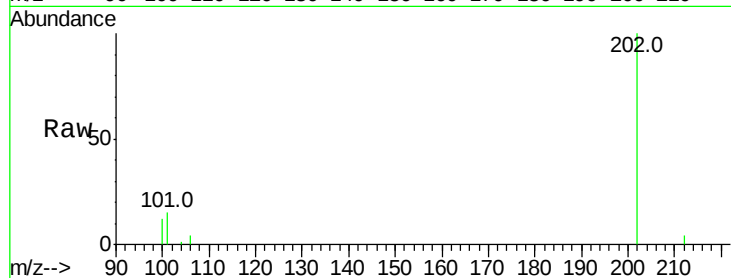
#17
Pvrene
Concen: 3.219 ng/ul
RT: 19.69 min Scan# 2836
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	18.2	27.4#
100	12.4	15.6	23.4#

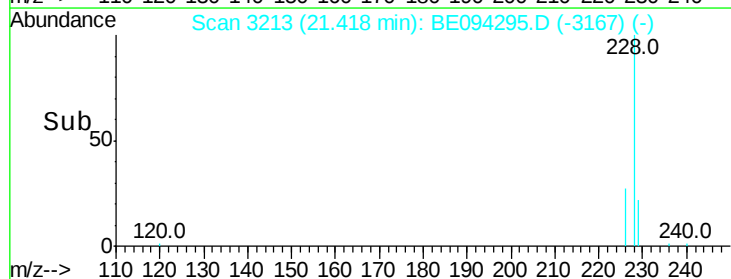
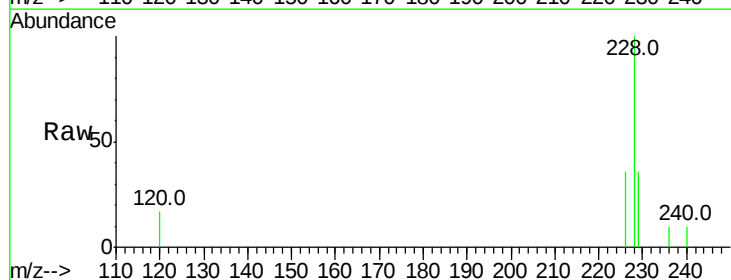
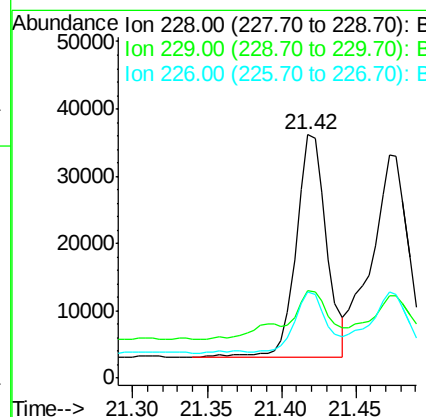
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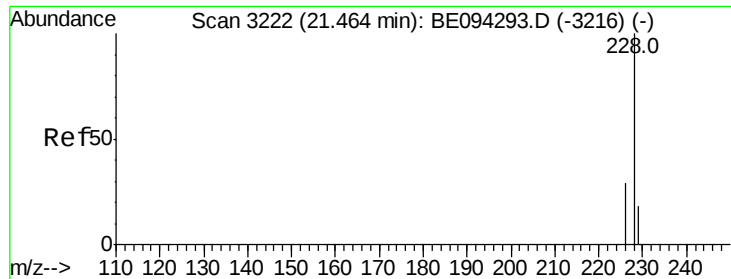
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#18
Benzo(a)anthracene
Concen: 1.898 ng/ul
RT: 21.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	35.8	22.8	34.2#
226	35.7	17.0	25.6#





#19

Chrysene

Concen: 1.836 ng/ul

RT: 21.47 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BE094295.D

Acq: 12 Oct 2017 00:46

Instrument :

BNA_E

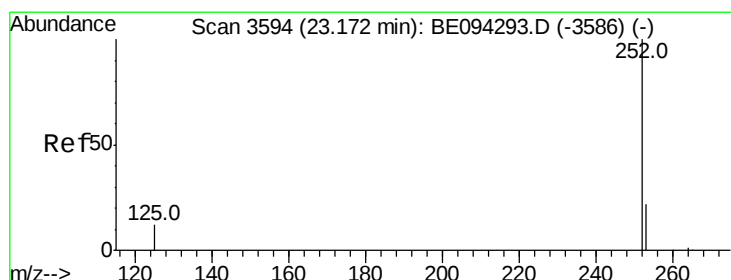
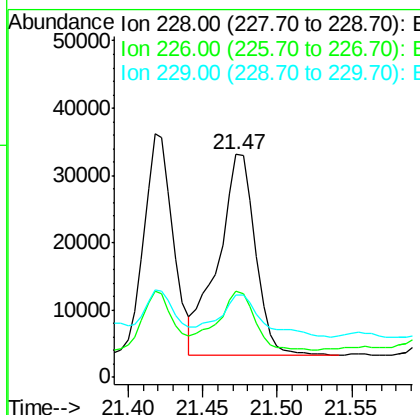
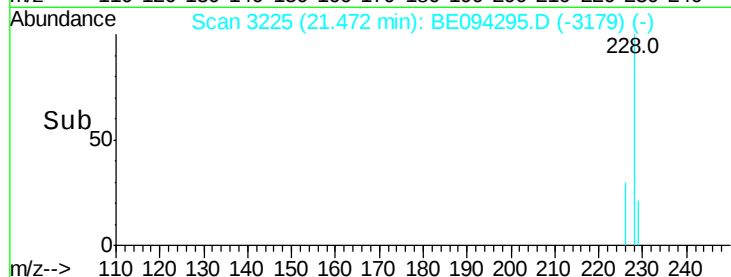
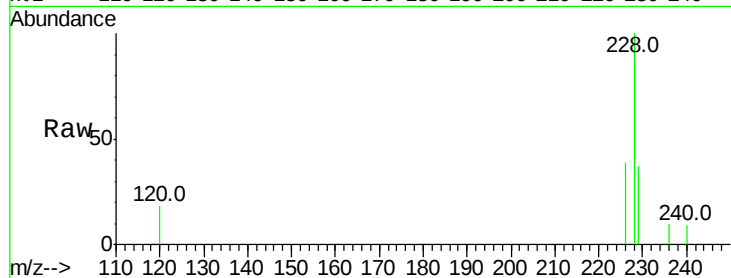
ClientSampleId :

B-69(1-3)-092717DL

Tot Ion:	228	Resp:	52150
Ion Ratio	Lower	Upper	
228	100		
226	39.0	23.4	35.0#
229	37.0	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 2.824 ng/ul m

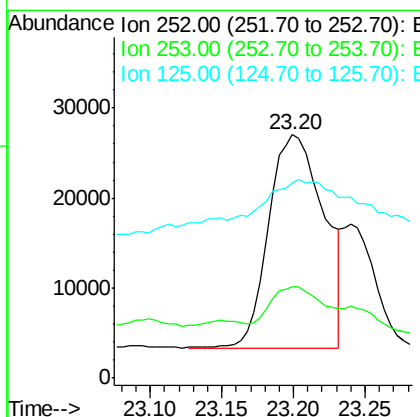
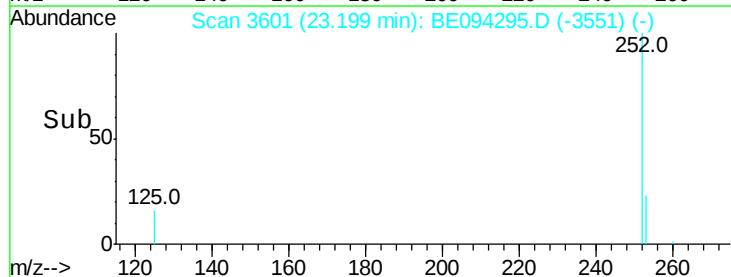
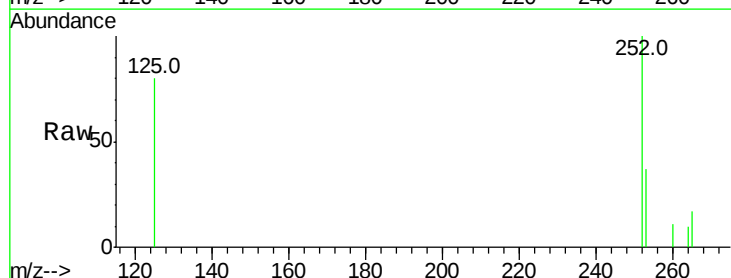
RT: 23.20 min Scan# 3601

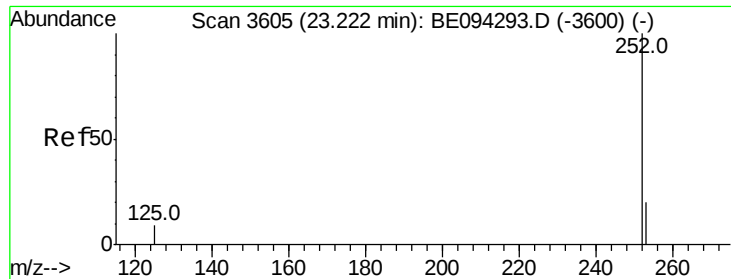
Delta R.T. 0.03 min

Lab File: BE094295.D

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Tgt Ion:	252	Resp:	64330
Ion Ratio	Lower	Upper	
252	100		
253	37.4	0.0	64.2
125	80.3	0.0	35.0#





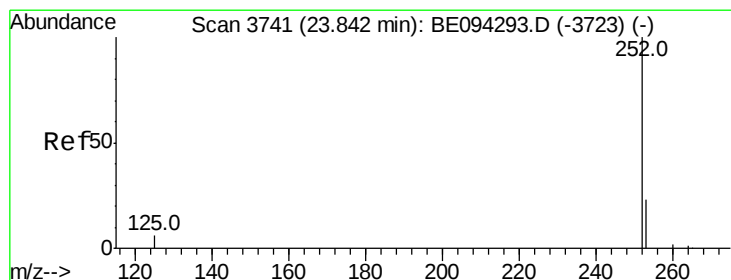
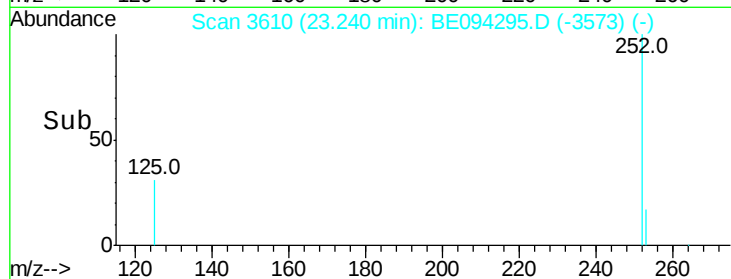
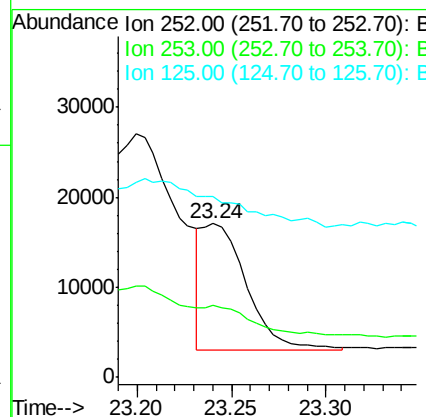
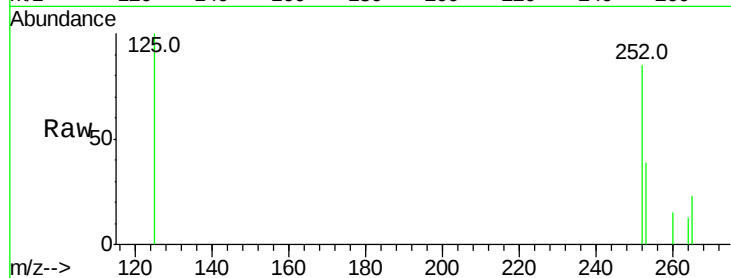
#22
Benzo(k)fluoranthene
Concen: 0.873 ng/ul m
RT: 23.24 min Scan# 3610
Delta R.T. 0.02 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :
B-69(1-3)-092717DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.4	24.5	36.7#
125	117.9	13.7	20.5#

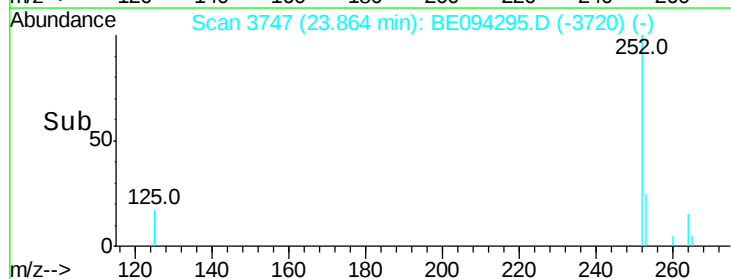
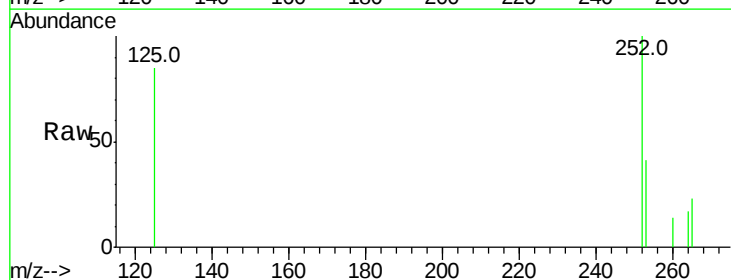
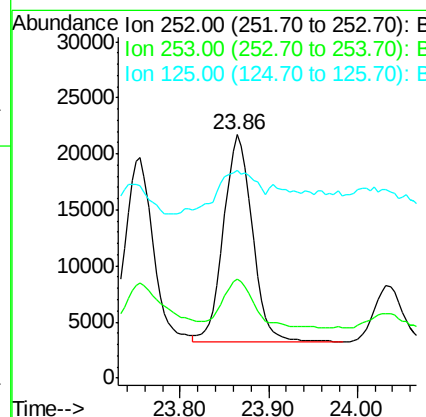
Manual Integrations
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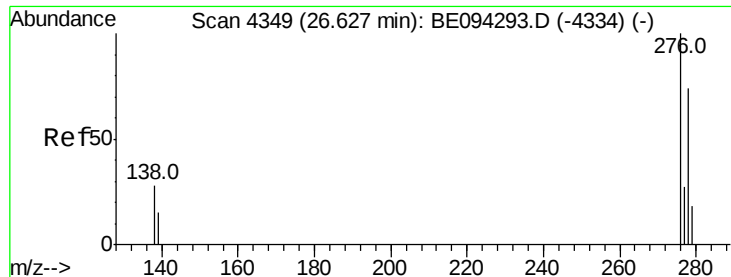
Sohil
10/13/2017 12:05:54 PM



#23
Benzo(a)pyrene
Concen: 1.775 ng/ul
RT: 23.86 min Scan# 3747
Delta R.T. 0.02 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.8	28.5	42.7
125	85.2	18.1	27.1#





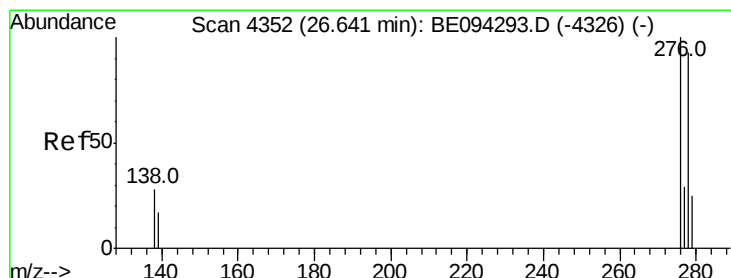
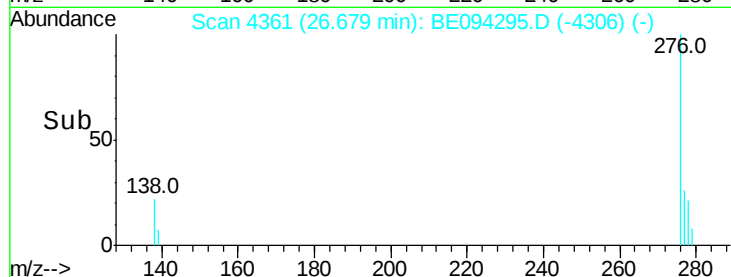
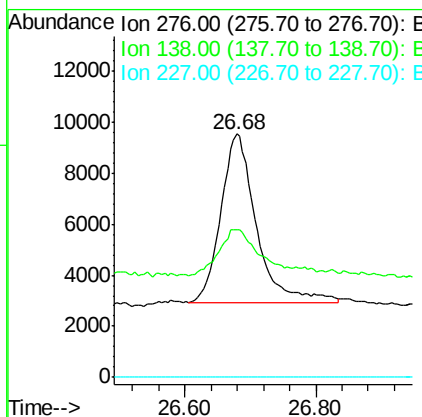
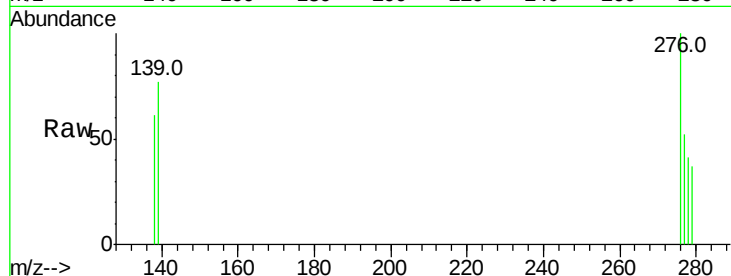
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.018 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. 0.05 min
 Lab File: BE094295.D
 Acq: 12 Oct 2017 00:46

Instrument :
 BNA_E
 ClientSampleId :
 B-69(1-3)-092717DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	28.0	42.0
227	0.0	8.0	12.0

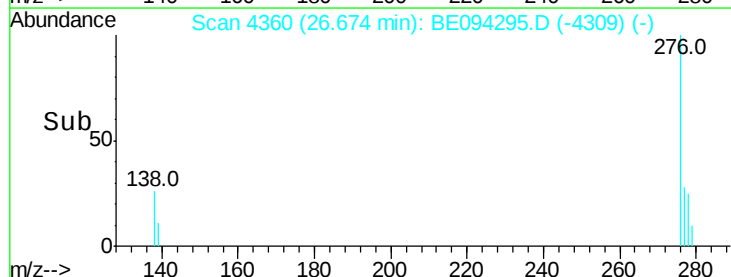
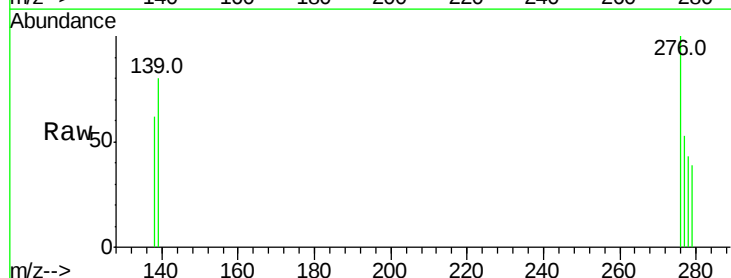
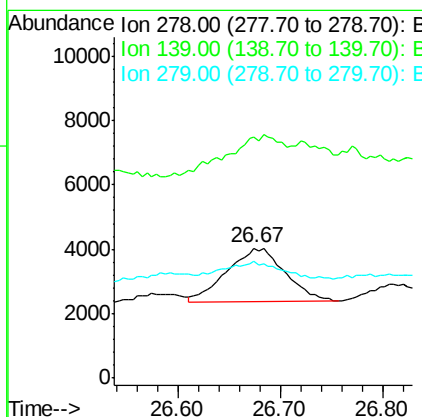
Manual Integrations
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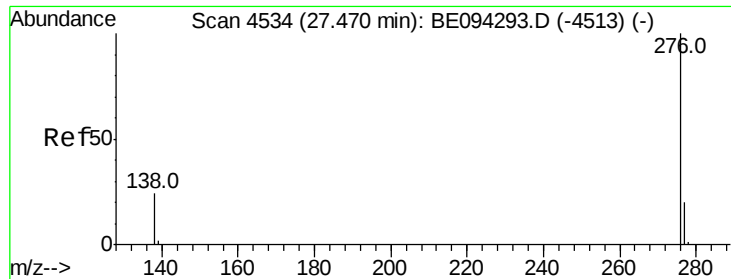
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.324 ng/ul
 RT: 26.67 min Scan# 4360
 Delta R.T. 0.03 min
 Lab File: BE094295.D
 Acq: 12 Oct 2017 00:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	185.9	17.4	26.0
279	89.6	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 1.058 ng/ul
 RT: 27.52 min Scan# 4546
 Delta R.T. 0.05 min
 Lab File: BE094295.D
 Acq: 12 Oct 2017 00:46

Instrument :
 BNA_E
 ClientSampleId :
 B-69(1-3)-092717DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	64.7	21.8	32.8#
277	56.8	20.5	30.7#

Manual Integrations
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Sohil
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