

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094393.D
 Acq On : 15 Oct 2017 15:04
 Operator : SJ/JU
 Sample : I5548-21DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE7DL

Manual Integrations
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Quant Time: Oct 16 07:31:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 06:50:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12115	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	7317	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16436	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	16470	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	15444	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1016	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2673	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	22904	0.772	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	7899	0.410	ng/ul	98
7) Acenaphthylene	14.24	152	1884	0.066	ng/ul#	88
8) Acenaphthene	14.58	153	33900	1.443	ng/ul	97
9) Fluorene	15.57	166	34962	1.271	ng/ul#	94
12) Phenanthrene	17.29	178	299356	6.970	ng/ul#	89
13) Anthracene	17.38	178	84074	2.013	ng/ul#	90
15) Fluoranthene	19.31	202	376398	6.670	ng/ul	84
17) Pyrene	19.67	202	290105	6.331	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	183266	4.194	ng/ul#	86
19) Chrysene	21.45	228	152753	3.027	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	173301m	4.131	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	77774m	1.604	ng/ul	
23) Benzo(a)pyrene	23.83	252	125054	2.869	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.61	276	76397	1.713	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.62	278	22471	0.601	ng/ul	97
26) Benzo(a,h,i)perylene	27.44	276	57858	1.504	ng/ul	98

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

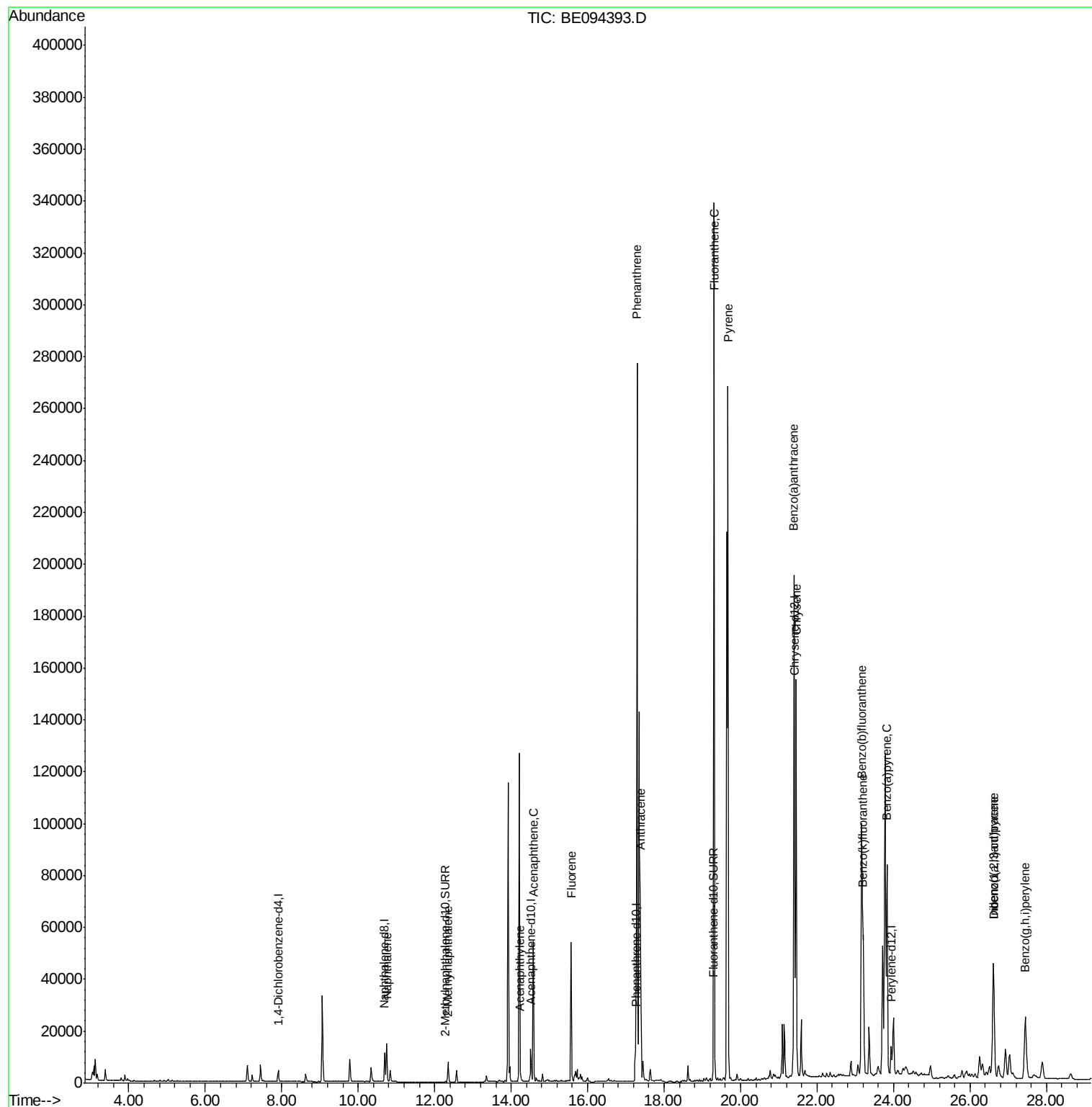
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094393.D
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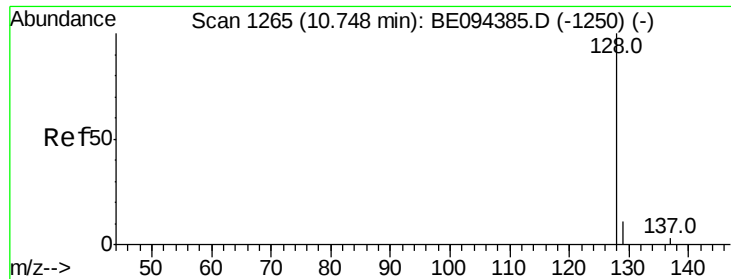
Instrument :
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QLast Update : Mon Oct 16 06:50:03 2017
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#3

Naphthalene

Concen: 0.772 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094393.D

Acq: 15 Oct 2017 15:04

Instrument :

BNA_E

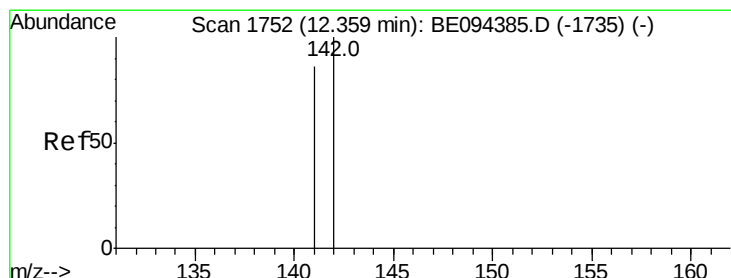
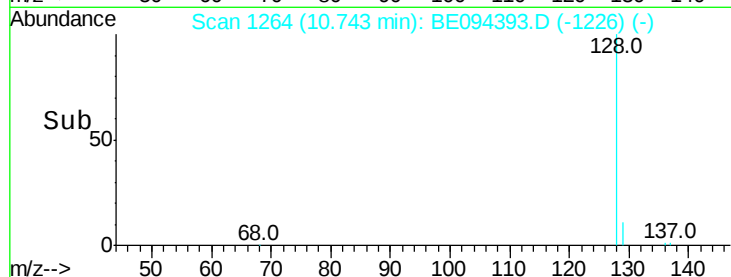
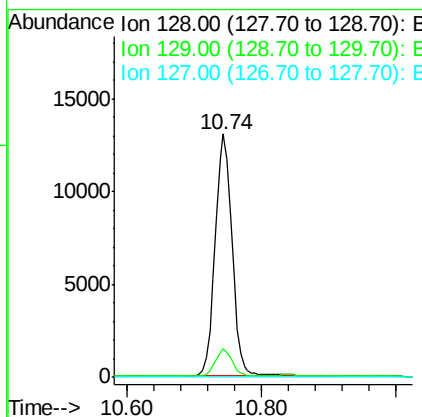
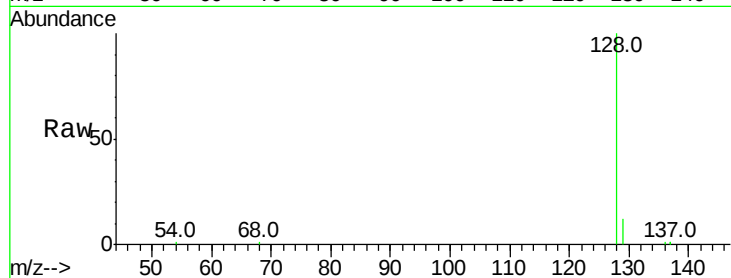
ClientSampleId :

C0AE7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.410 ng/ul

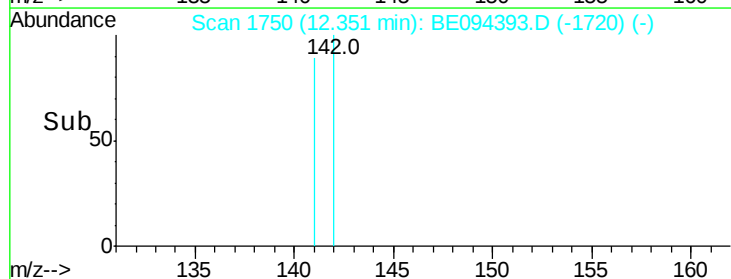
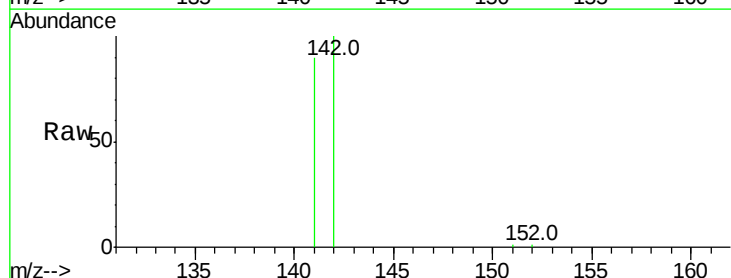
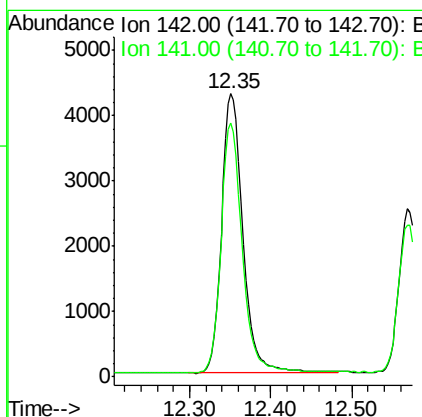
RT: 12.35 min Scan# 1750

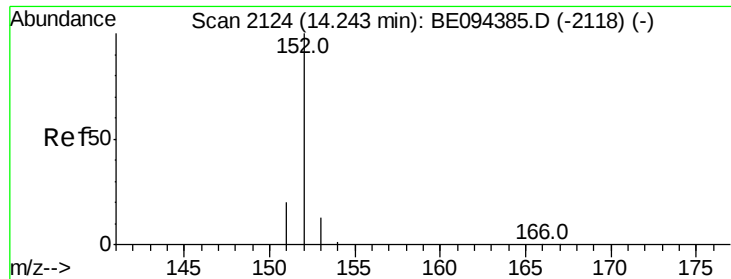
Delta R.T. -0.01 min

Lab File: BE094393.D

Acq: 15 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.066 ng/ul

RT: 14.24 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BE094393.D

Acq: 15 Oct 2017 15:04

Instrument :

BNA_E

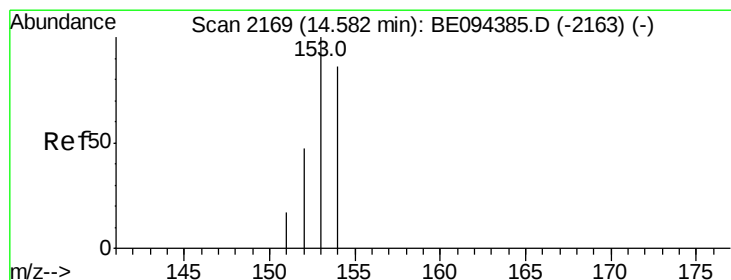
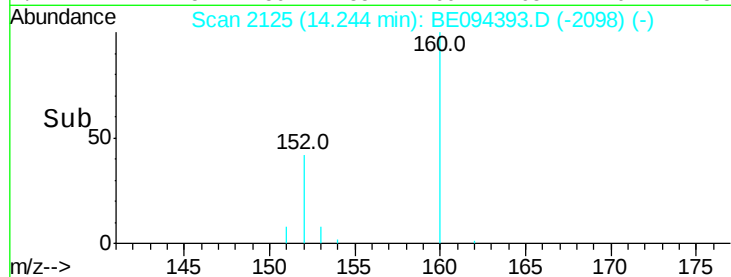
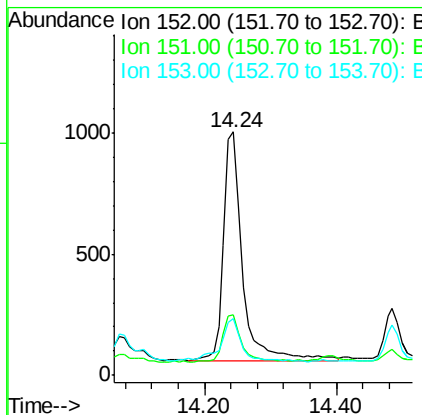
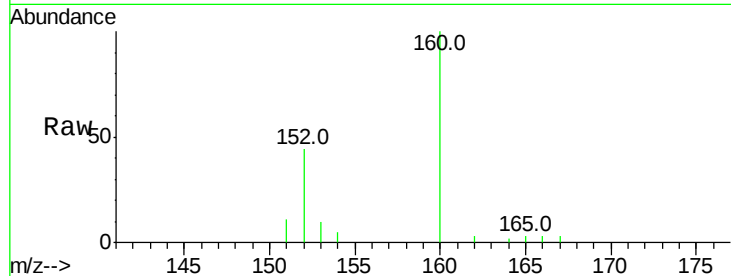
ClientSampleId :

C0AE7DL

Tot Ion:	152	Resp:	1884
Ion Ratio	Lower	Upper	
152	100		
151	24.7	17.1	25.7
153	23.5	12.8	19.2#

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#8

Acenaphthene

Concen: 1.443 ng/ul

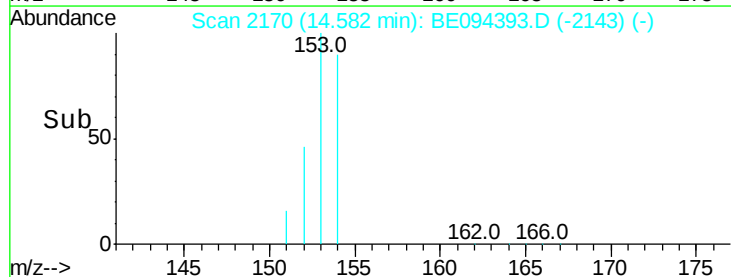
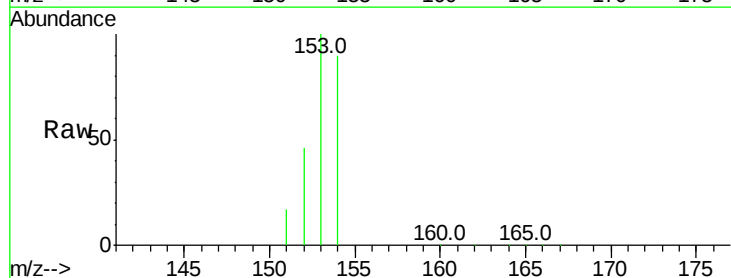
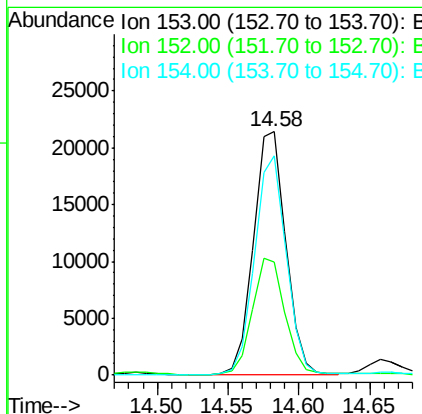
RT: 14.58 min Scan# 2170

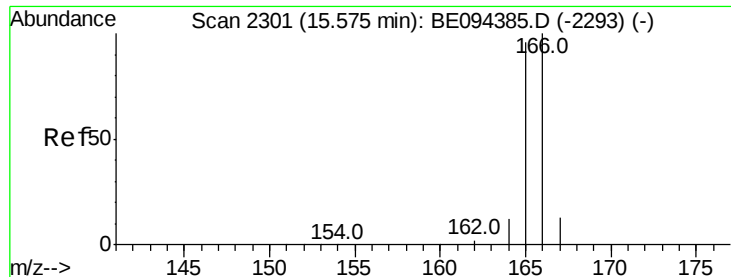
Delta R.T. 0.00 min

Lab File: BE094393.D

Acq: 15 Oct 2017 15:04

Tgt Ion:	153	Resp:	33900
Ion Ratio	Lower	Upper	
153	100		
152	46.3	40.3	60.5
154	90.0	71.4	107.2





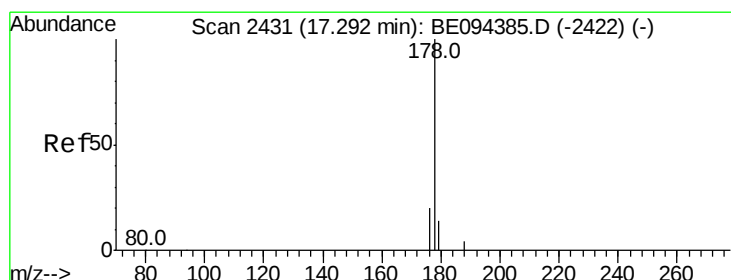
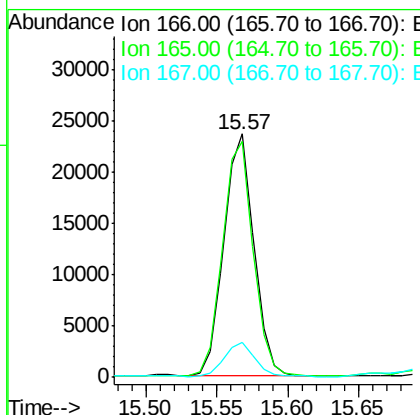
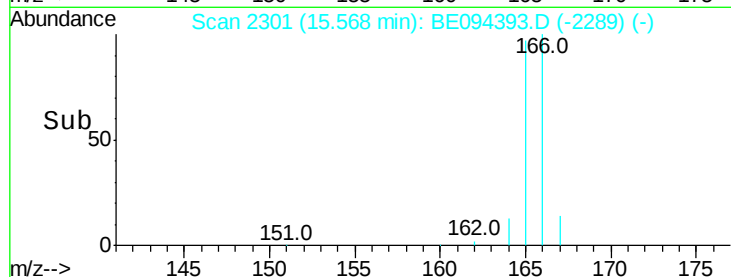
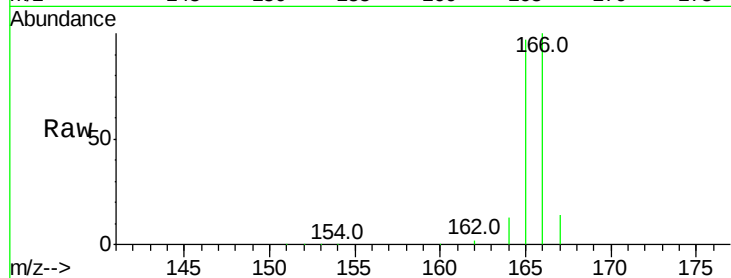
#9
Fluorene
 Concen: 1.271 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BE094393.D
 Acq: 15 Oct 2017 15:04

Instrument :
 BNA_E
 ClientSampleId :
 C0AE7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	73.4	110.2
167	14.2	14.6	22.0

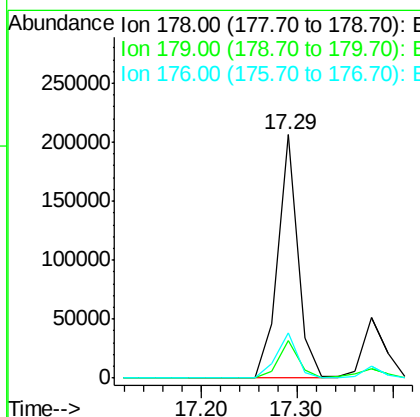
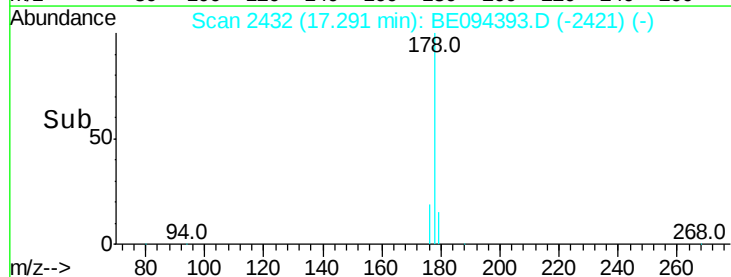
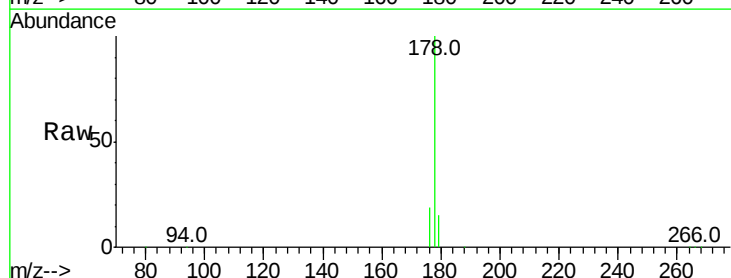
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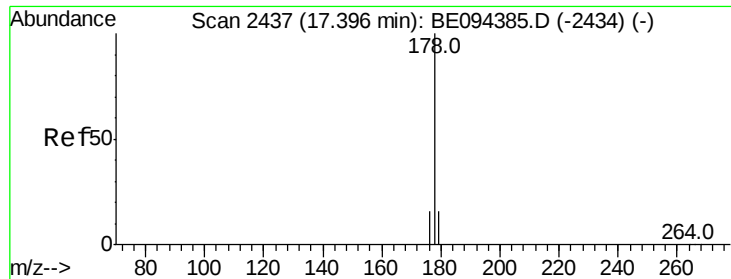
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#12
Phenanthrene
 Concen: 6.970 ng/ul
 RT: 17.29 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BE094393.D
 Acq: 15 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6
176	18.7	13.6	20.4





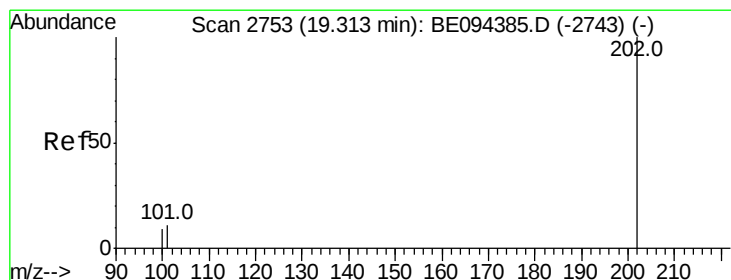
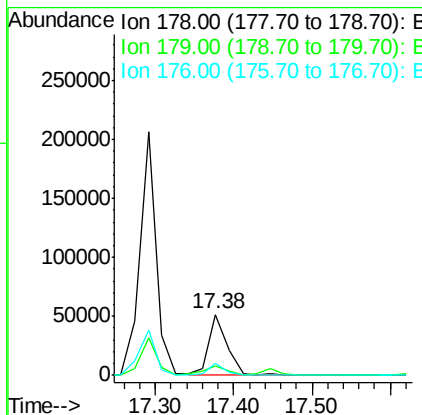
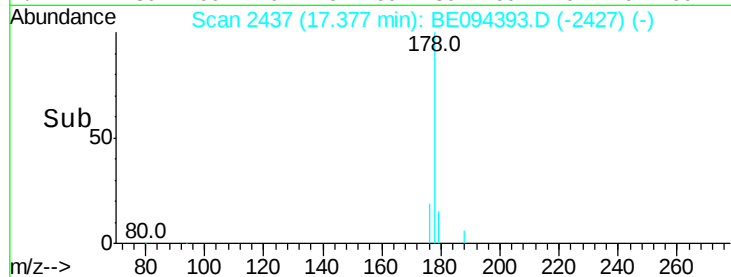
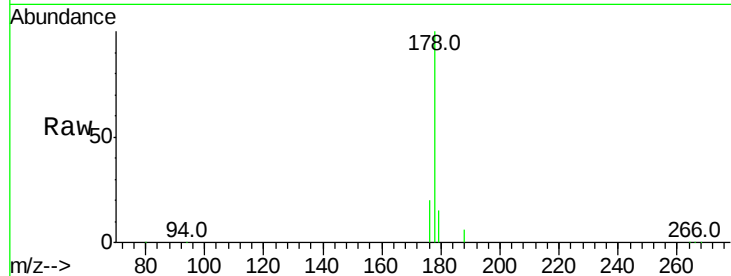
#13
 Anthracene
 Concen: 2.013 ng/ul
 RT: 17.38 min Scan# 2437
 Delta R.T. -0.02 min
 Lab File: BE094393.D
 Acq: 15 Oct 2017 15:04

Instrument :
 BNA_E
 ClientSampleId :
 C0AE7DL

Tot Ion:178 Resp: 84074
 Ion Ratio Lower Upper
 178 100
 179 14.7 18.1 27.1#
 176 19.5 14.7 22.1

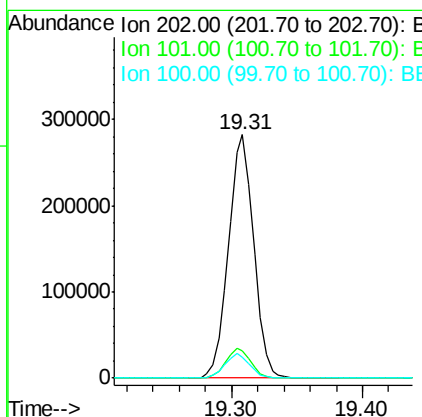
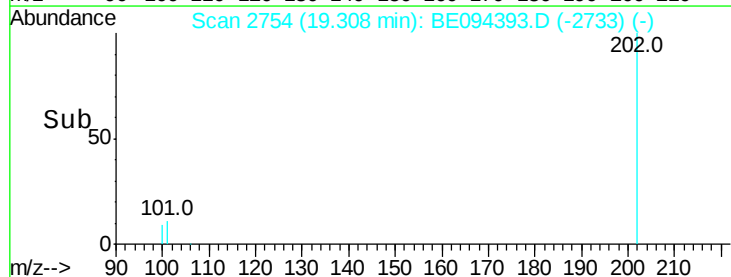
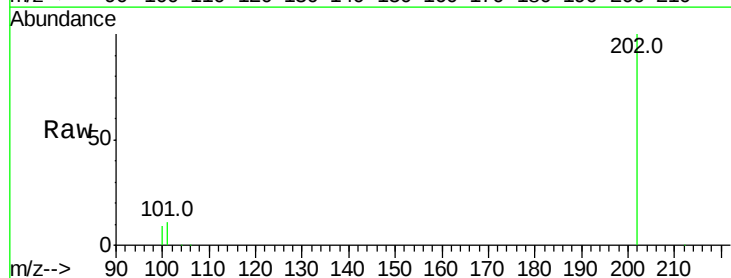
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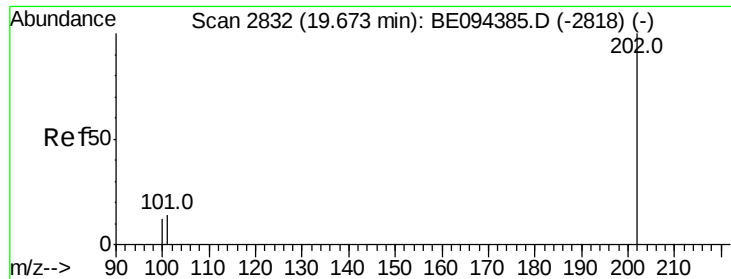
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#15
 Fluoranthene
 Concen: 6.670 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: BE094393.D
 Acq: 15 Oct 2017 15:04

Tgt Ion:202 Resp: 376398
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.3
 100 8.7 0.0 39.5





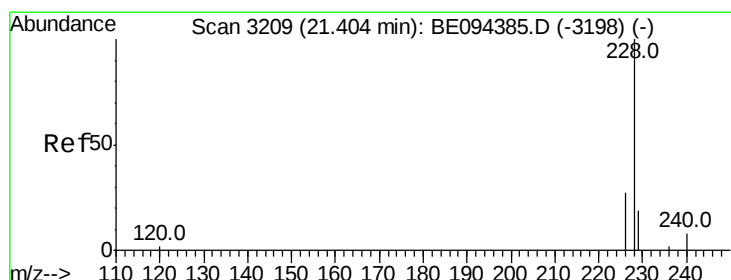
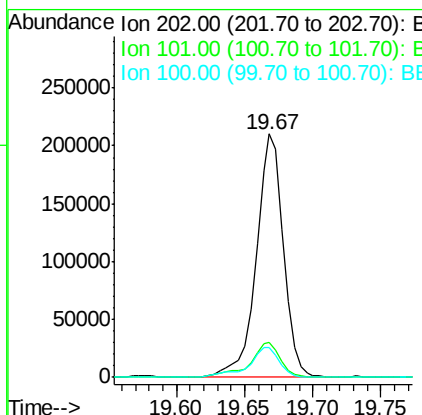
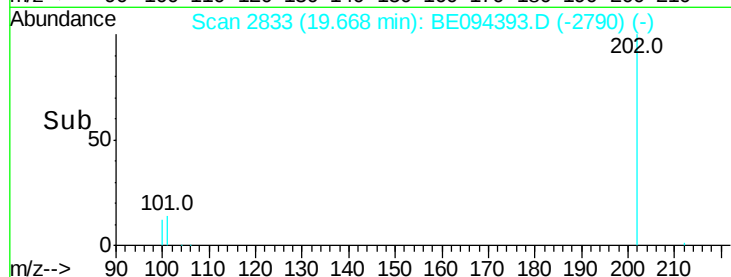
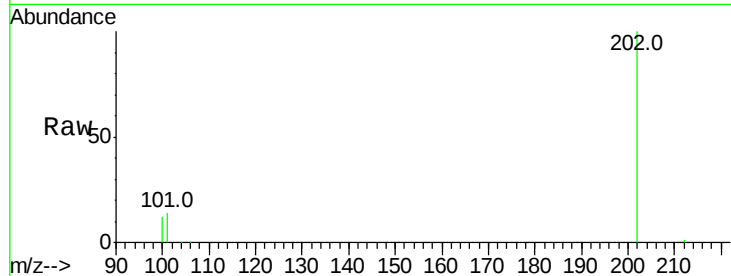
#17
Pvrene
Concen: 6.331 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094393.D
Acq: 15 Oct 2017 15:04

Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	18.2	27.4#
100	12.3	15.6	23.4#

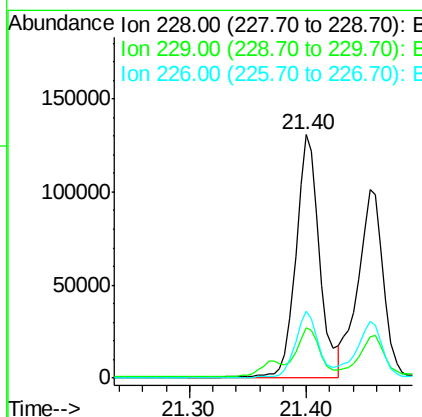
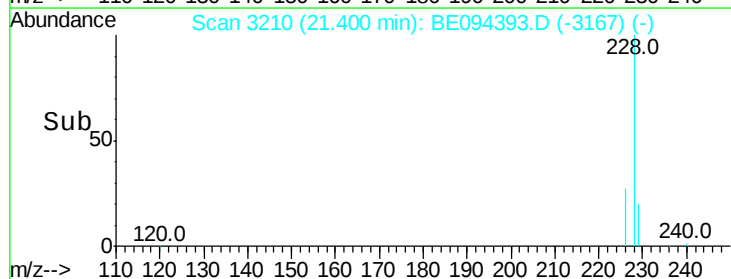
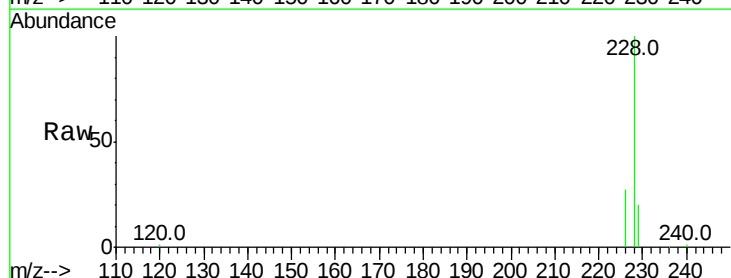
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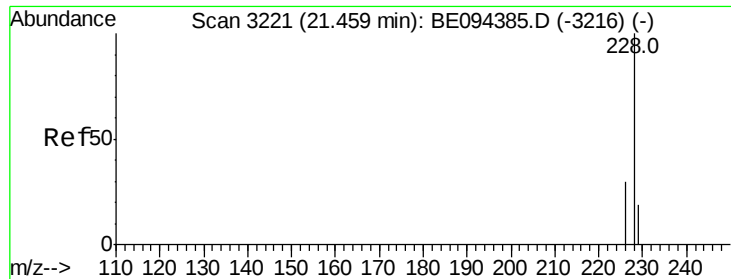
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#18
Benzo(a)anthracene
Concen: 4.194 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094393.D
Acq: 15 Oct 2017 15:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	27.3	17.0	25.6#





#19

Chrysene

Concen: 3.027 ng/ul

RT: 21.45 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094393.D

Acq: 15 Oct 2017 15:04

Instrument :

BNA_E

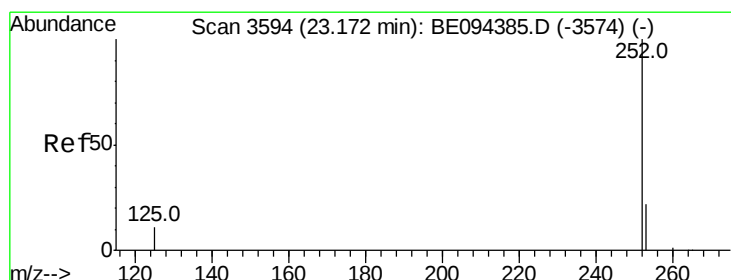
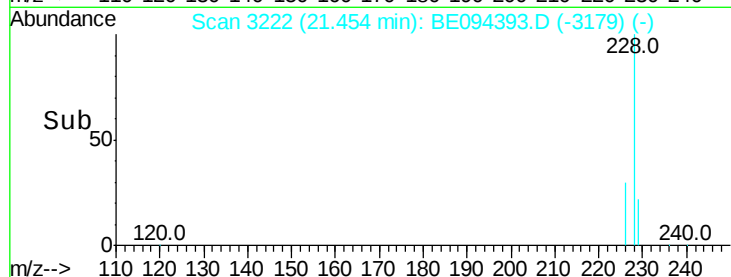
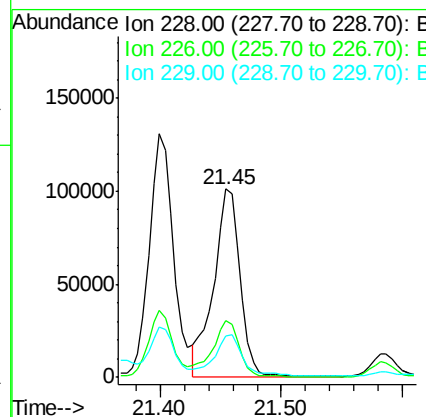
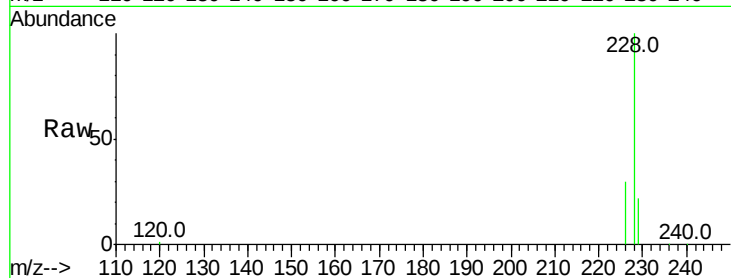
ClientSampleId :

C0AE7DL

Tot Ion:	228	Resp:	152753
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.131 ng/ul m

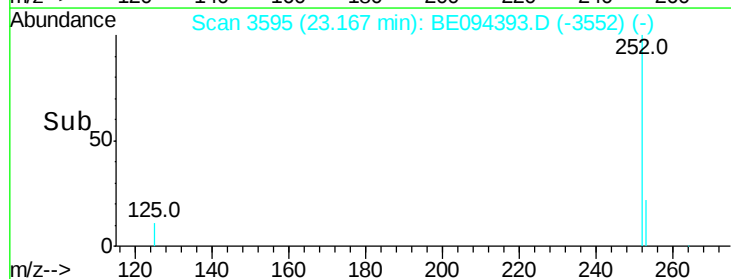
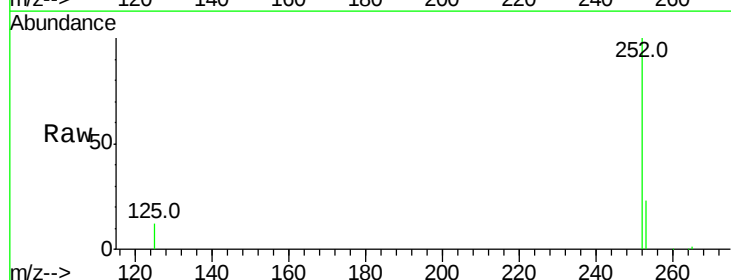
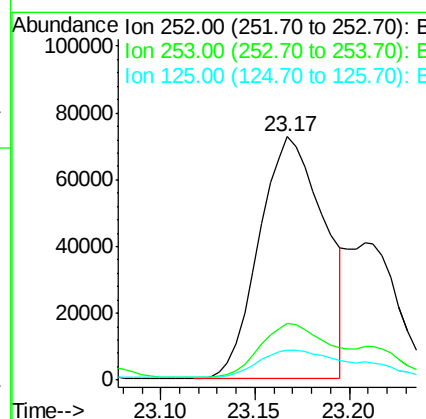
RT: 23.17 min Scan# 3595

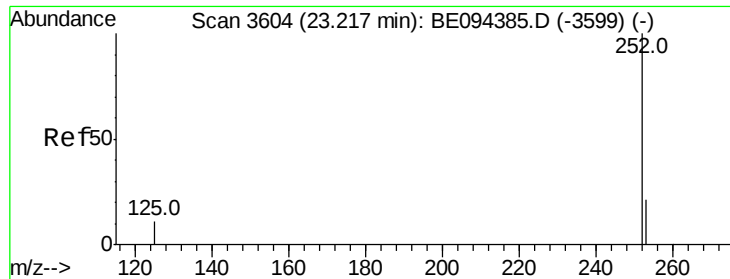
Delta R.T. -0.00 min

Lab File: BE094393.D

Acq: 15 Oct 2017 15:04

Tgt Ion:	252	Resp:	173301
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	12.4	0.0	35.0





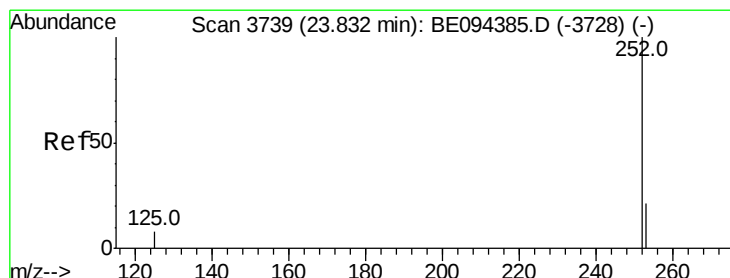
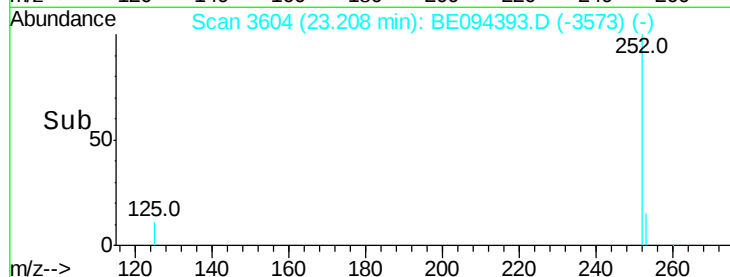
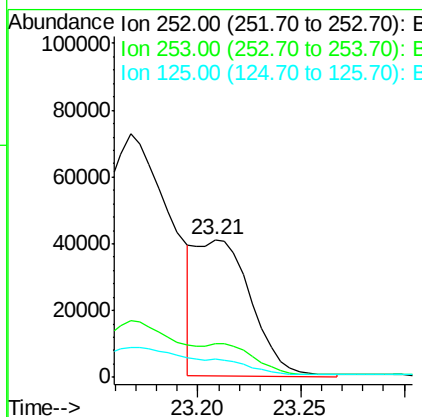
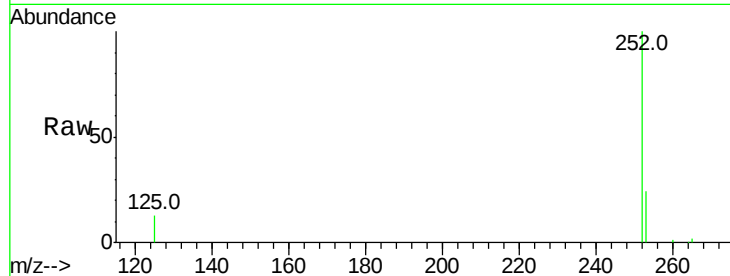
#22
Benzo(k)fluoranthene
Concen: 1.604 ng/ul m
RT: 23.21 min Scan# 3604
Delta R.T. -0.01 min
Lab File: BE094393.D
Acq: 15 Oct 2017 15:04

Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7#
125	13.2	13.7	20.5#

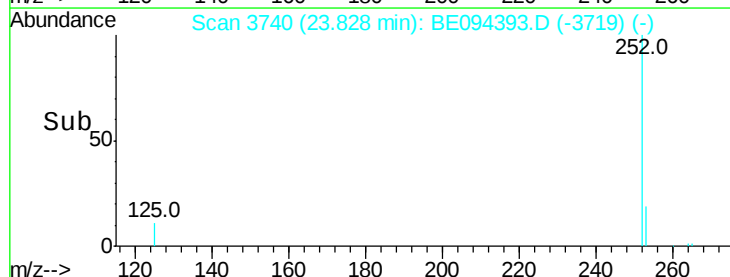
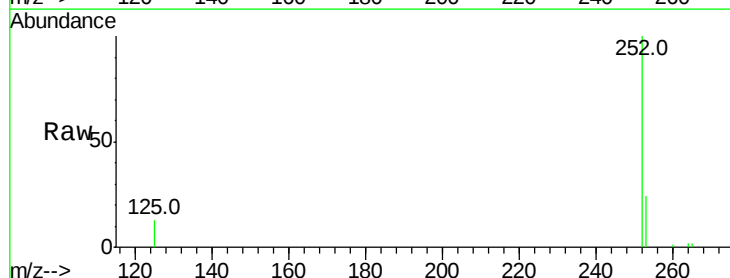
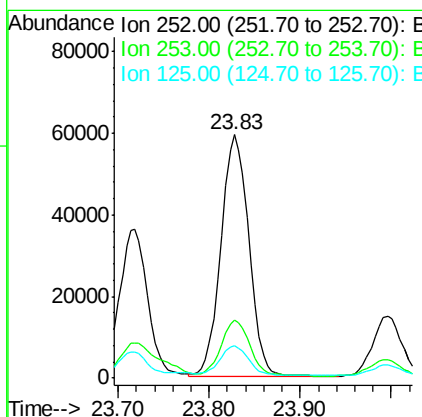
Manual Integrations
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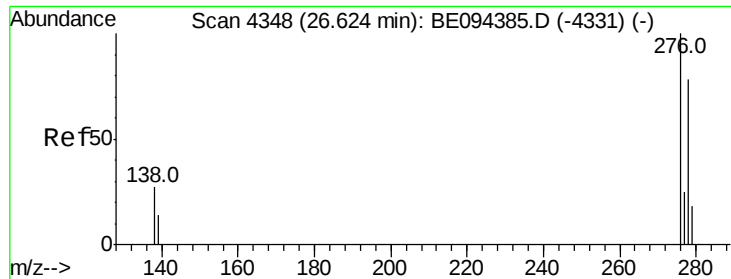
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#23
Benzo(a)pyrene
Concen: 2.869 ng/ul
RT: 23.83 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BE094393.D
Acq: 15 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	13.1	18.1	27.1#





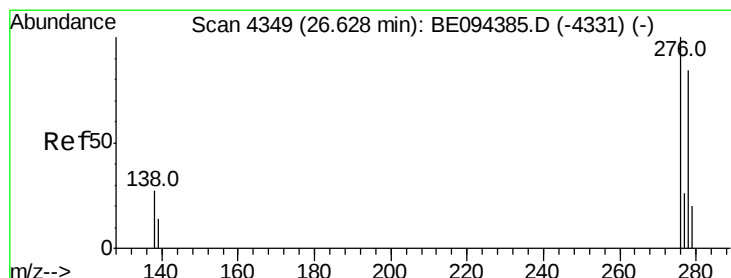
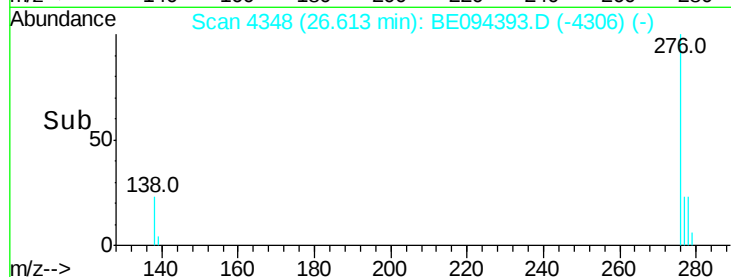
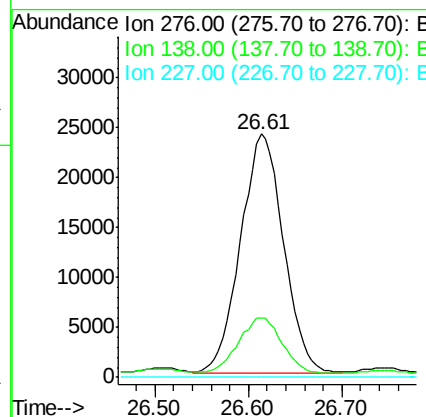
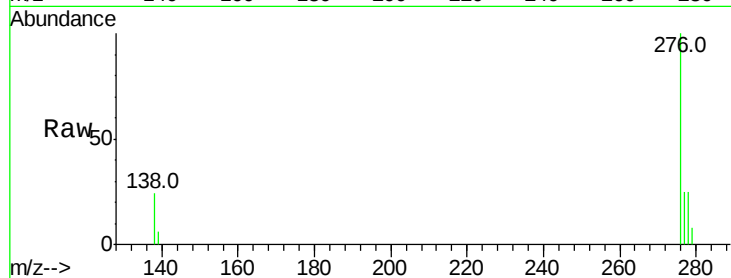
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.713 ng/uL
 RT: 26.61 min Scan# 4348
 Delta R.T. -0.01 min
 Lab File: BE094393.D
 Acq: 15 Oct 2017 15:04

Instrument :
 BNA_E
 ClientSampleId :
 C0AE7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	28.0	42.0#
227	0.0	8.0	12.0#

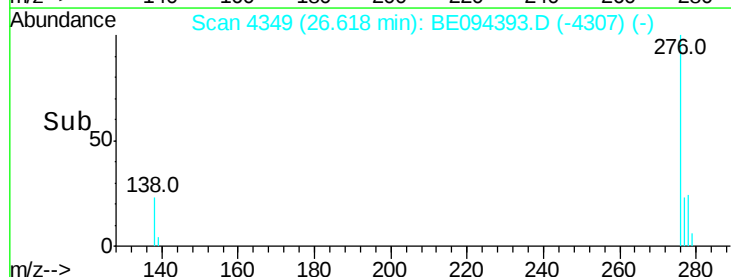
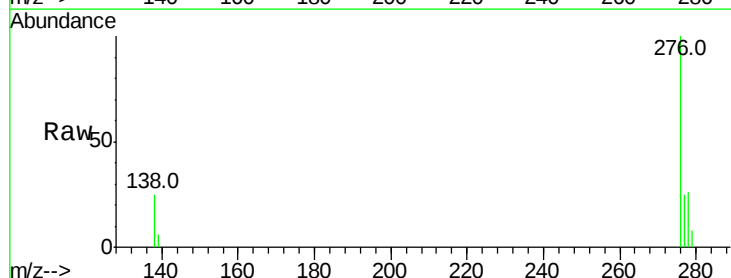
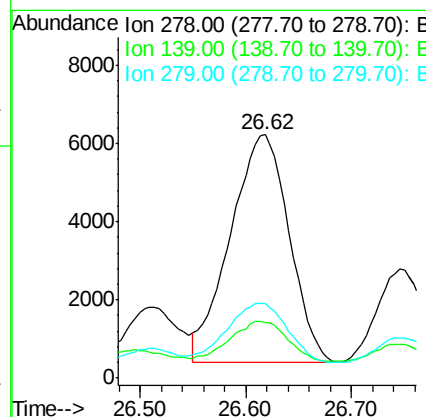
Manual Integrations
 APPROVED

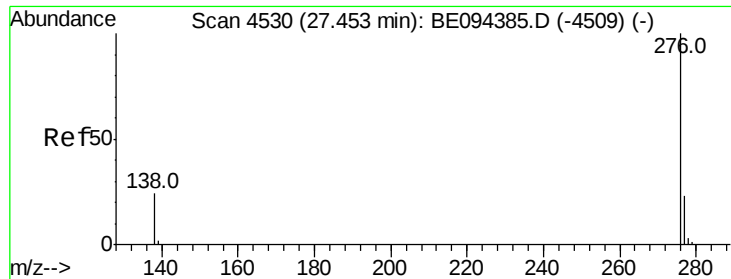
Sohil
 10/16/2017 8:26:22 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.601 ng/uL
 RT: 26.62 min Scan# 4349
 Delta R.T. -0.01 min
 Lab File: BE094393.D
 Acq: 15 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	17.4	26.0
279	30.8	25.9	38.9





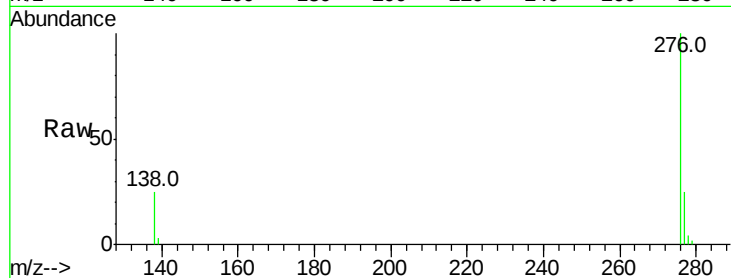
#26
 Benzo(a,h,i)perylene
 Concen: 1.504 ng/ul
 RT: 27.44 min Scan# 4530
 Delta R.T. -0.01 min
 Lab File: BE094393.D
 Acq: 15 Oct 2017 15:04

Instrument :
 BNA_E
 ClientSampleId :
 C0AE7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:22 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

