

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094262.D
 Acq On : 10 Oct 2017 21:53
 Operator : SJ/JU
 Sample : I5522-20DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6DL

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Quant Time: Oct 11 07:53:09 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 07:23:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1982	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9975	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5591	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11941	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12450	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12509	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	996	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2378	0.06	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	987	0.040	ng/ul#	85
5) 2-Methylnaphthalene	12.35	142	513	0.032	ng/ul	99
7) Acenaphthylene	14.24	152	624	0.029	ng/ul#	76
8) Acenaphthene	14.57	153	1106	0.062	ng/ul	97
9) Fluorene	15.56	166	1191	0.057	ng/ul	93
12) Phenanthrene	17.29	178	28352	0.909	ng/ul#	93
13) Anthracene	17.38	178	6419m	0.212	ng/ul	
15) Fluoranthene	19.30	202	66954	1.633	ng/ul	84
17) Pyrene	19.66	202	57609	1.663	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	31038	0.940	ng/ul#	87
19) Chrysene	21.44	228	30380	0.796	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	37912m	1.116	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	13185m	0.336	ng/ul	
23) Benzo(a)pyrene	23.80	252	26061	0.738	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.57	276	16306	0.451	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.58	278	4167	0.138	ng/ul#	75
26) Benzo(a,h,i)perylene	27.39	276	12843	0.412	ng/ul	94

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

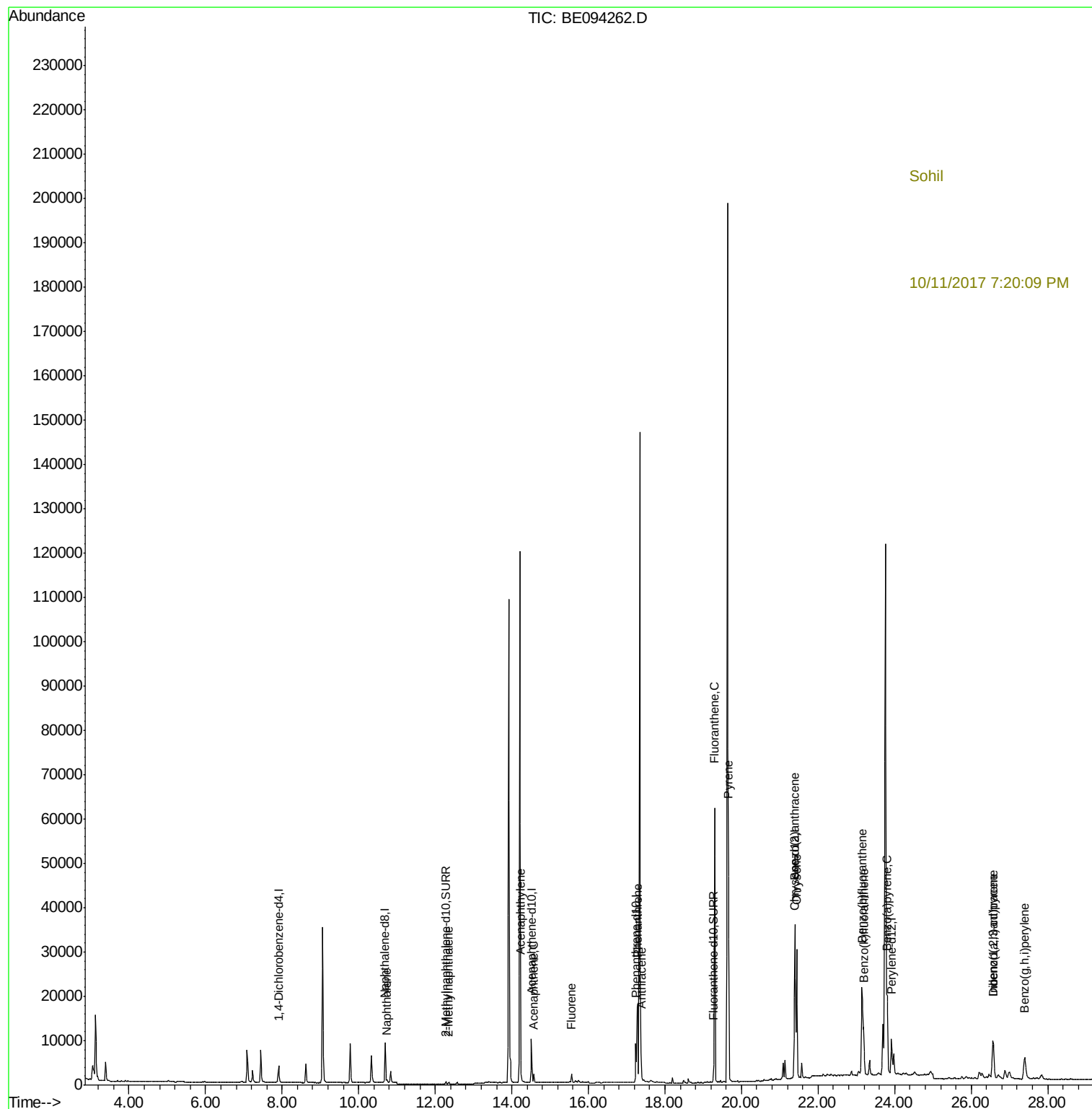
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094262.D
Acq On : 10 Oct 2017 21:53
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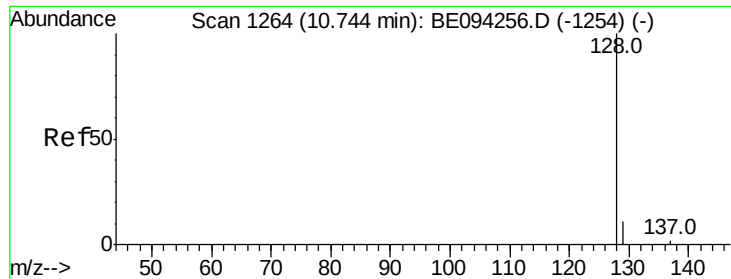
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Quant Time: Oct 11 07:53:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094262.D

Acq: 10 Oct 2017 21:53

Instrument :

BNA_E

ClientSampled :

C0AC6DL

Tot Ion:128 Resp: 987

Ion Ratio Lower Upper

128 100

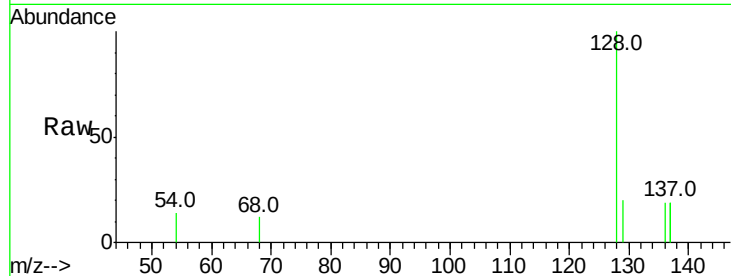
129 20.5 11.3 16.9#

127 0.0 4.0 6.0#

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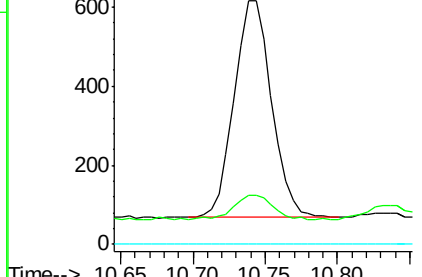
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Abundance Ion 128.00 (127.70 to 128.70): E

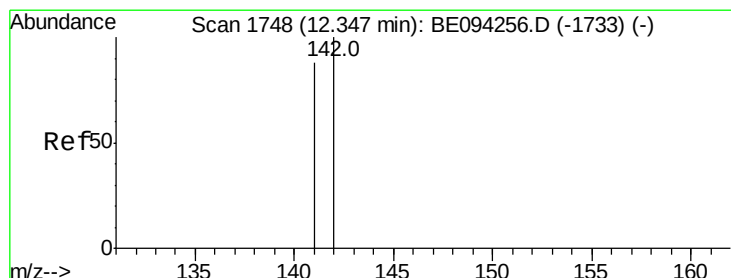
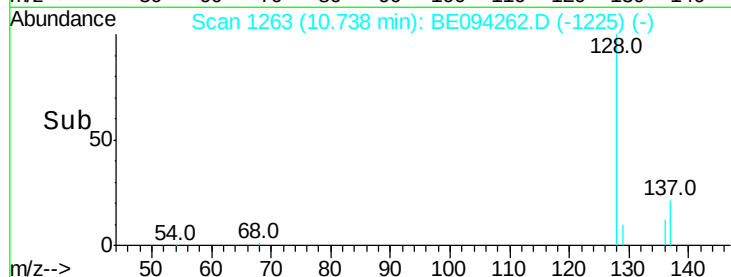
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. 0.00 min

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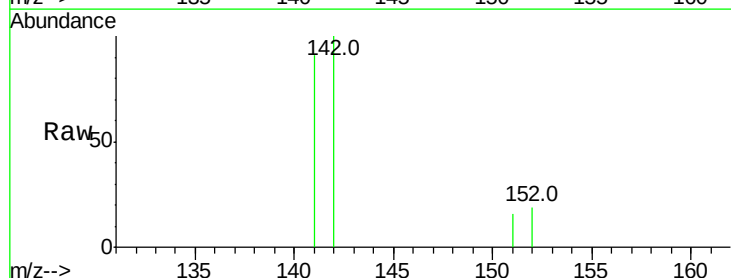
Acq: 10 Oct 2017 21:53

Tgt Ion:142 Resp: 513

Ion Ratio Lower Upper

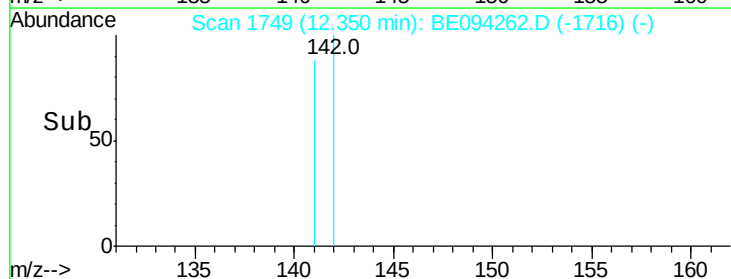
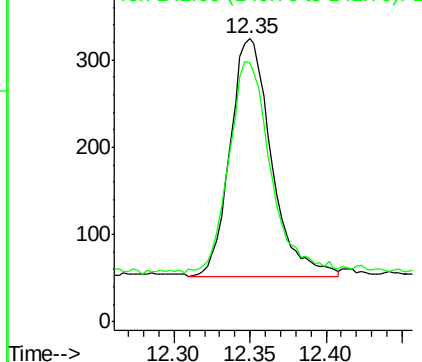
142 100

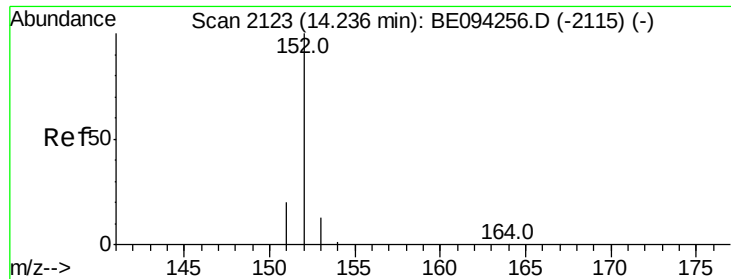
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094262.D

Acq: 10 Oct 2017 21:53

Instrument :

BNA_E

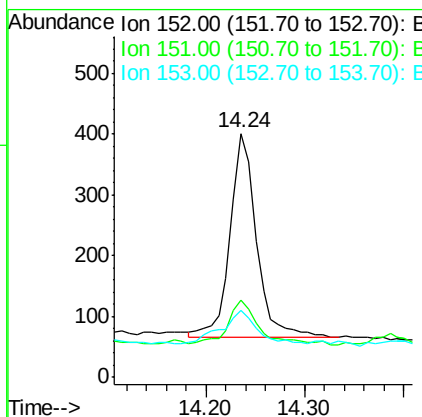
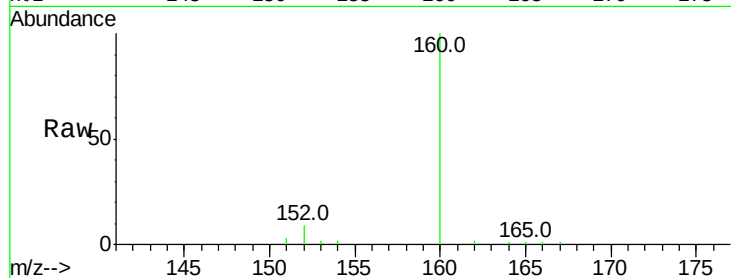
ClientSampleID :

C0AC6DL

Tot Ion:	152	Resp:	624
Ion Ratio	Lower	Upper	
152	100		
151	31.7	17.1	25.7#
153	27.7	12.8	19.2#

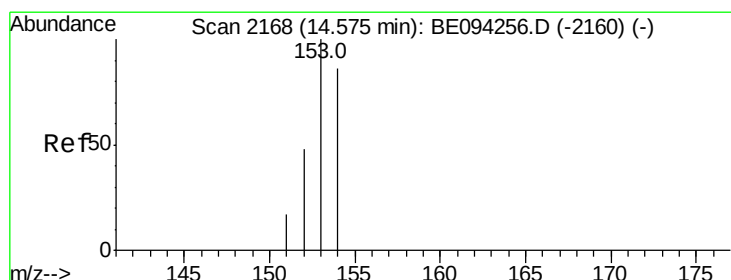
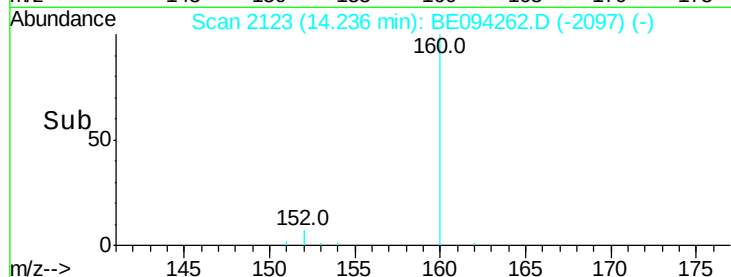
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#8

Acenaphthene

Concen: 0.062 ng/ul

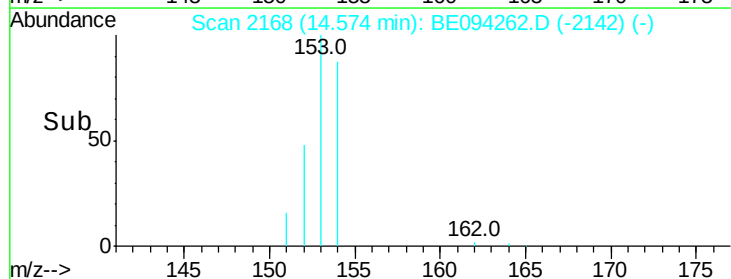
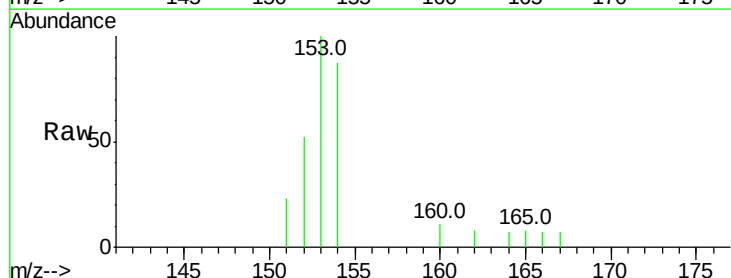
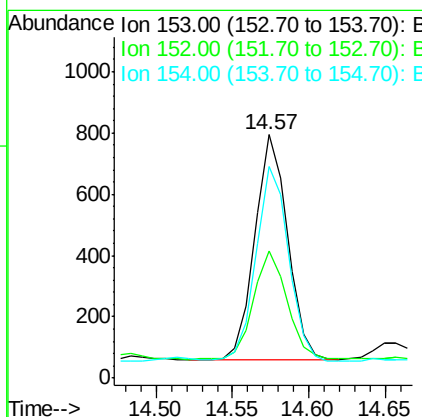
RT: 14.57 min Scan# 2168

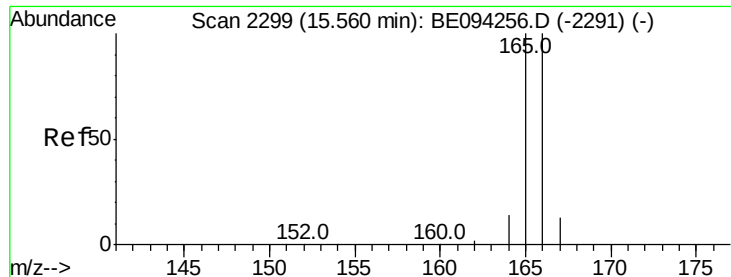
Delta R.T. -0.00 min

Lab File: BE094262.D

Acq: 10 Oct 2017 21:53

Tgt Ion:	153	Resp:	1106
Ion Ratio	Lower	Upper	
153	100		
152	52.5	40.3	60.5
154	87.0	71.4	107.2





#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE094262.D

Acq: 10 Oct 2017 21:53

Instrument :

BNA_E

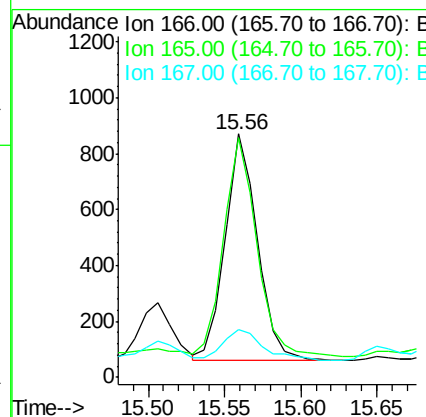
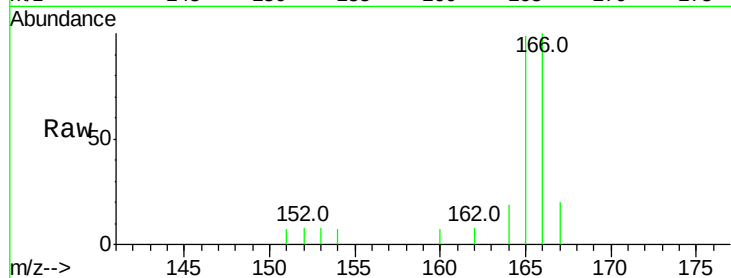
ClientSampleId :

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Tot Ion:	166	Resp:	1191
Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	19.9	14.6	22.0

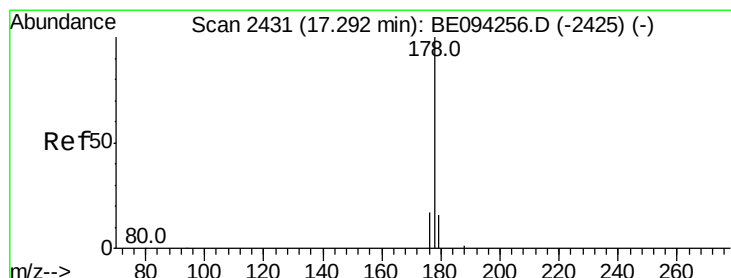
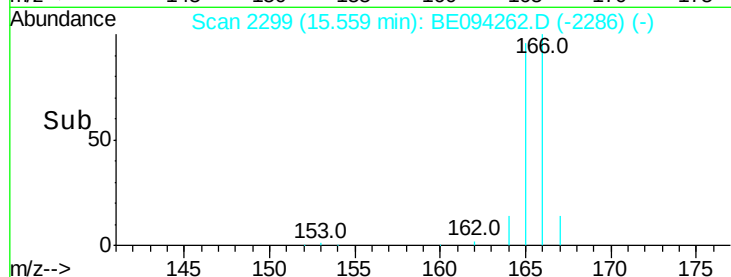
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#12

Phenanthrene

Concen: 0.909 ng/ul

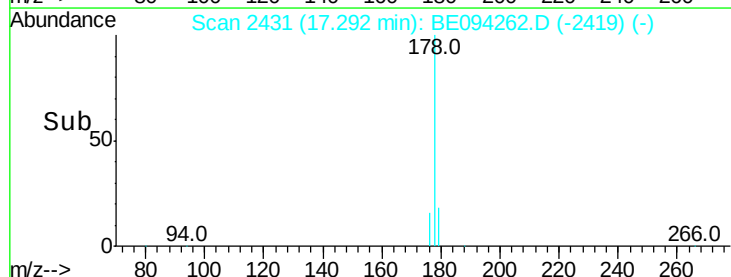
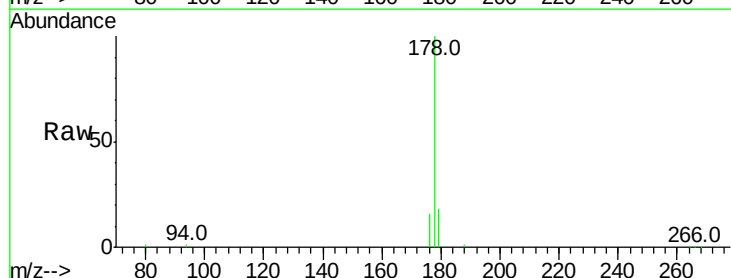
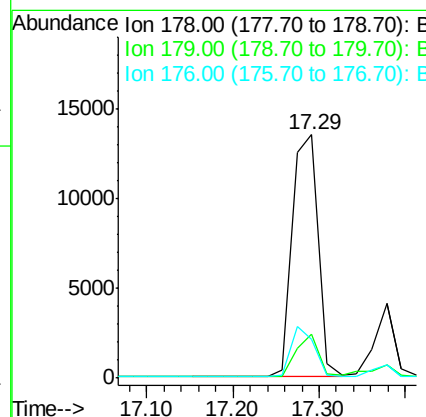
RT: 17.29 min Scan# 2431

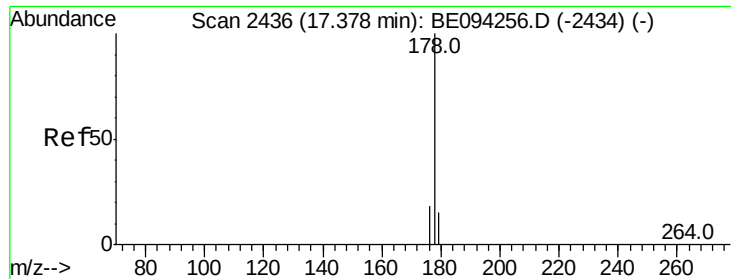
Delta R.T. -0.00 min

Lab File: BE094262.D

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Tgt Ion:	178	Resp:	28352
Ion	Ratio	Lower	Upper
178	100		
179	18.2	18.4	27.6#
176	16.0	13.6	20.4





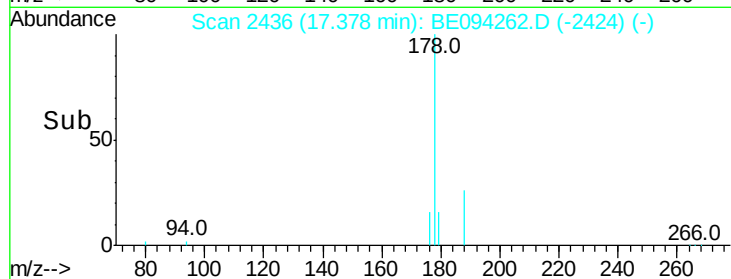
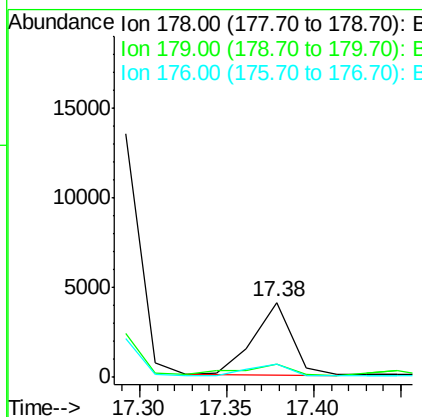
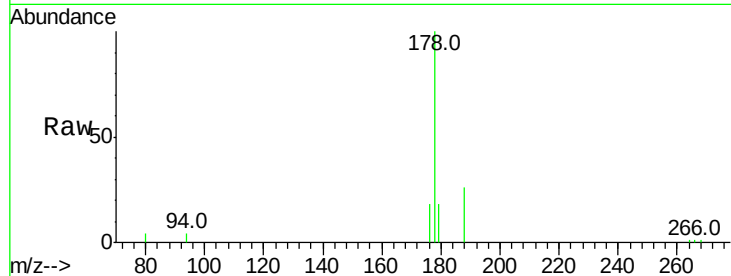
#13
 Anthracene
 Concen: 0.212 ng/ul m
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094262.D
 Acq: 10 Oct 2017 21:53

Instrument :
 BNA_E
 ClientSampled :
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Tot Ion:178 Resp: 6419
 Ion Ratio Lower Upper
 178 100
 179 18.1 18.1 27.1#
 176 17.6 14.7 22.1

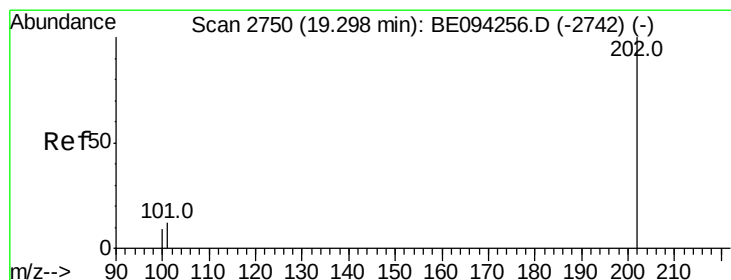
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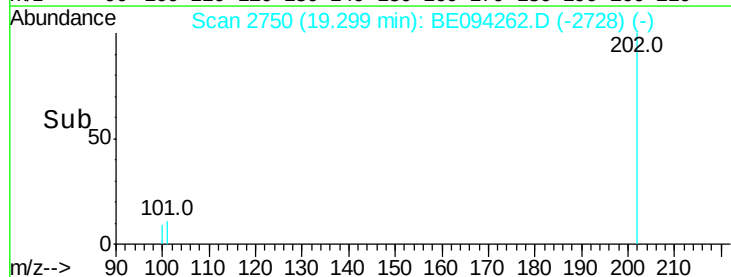
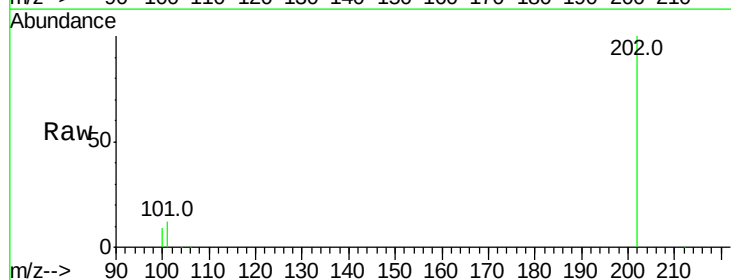
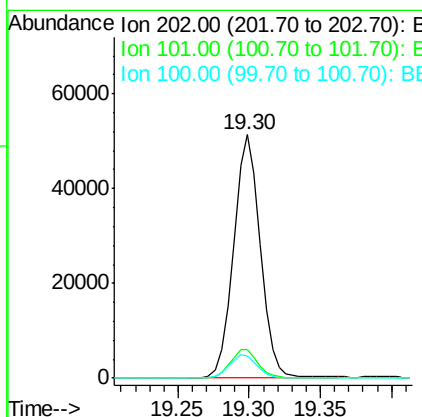
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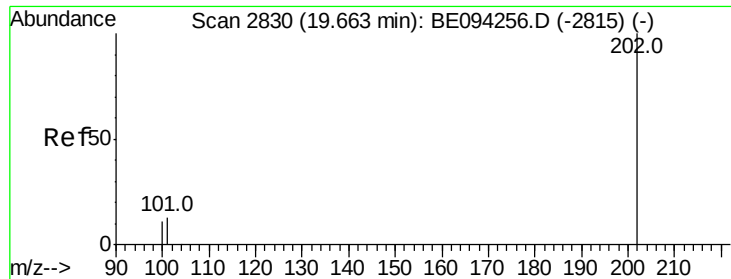
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#15
 Fluoranthene
 Concen: 1.633 ng/ul
 RT: 19.30 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BE094262.D
 Acq: 10 Oct 2017 21:53

Tgt Ion:202 Resp: 66954
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.3
 100 9.3 0.0 39.5





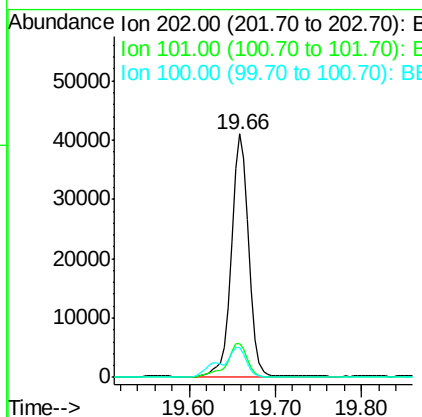
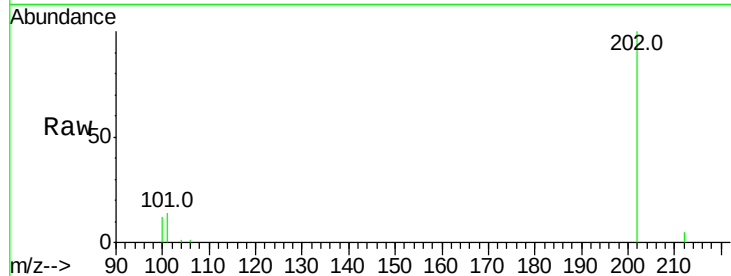
#17
Pvrene
Concen: 1.663 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BE094262.D
Acq: 10 Oct 2017 21:53

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.1	15.6	23.4#

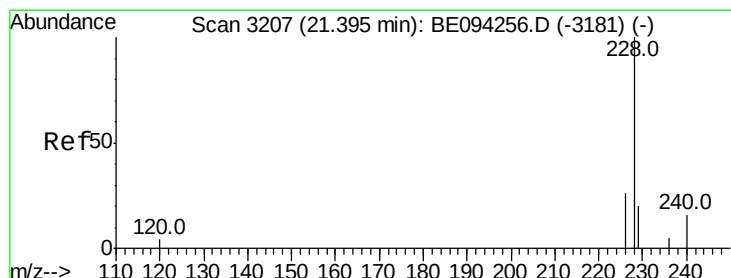
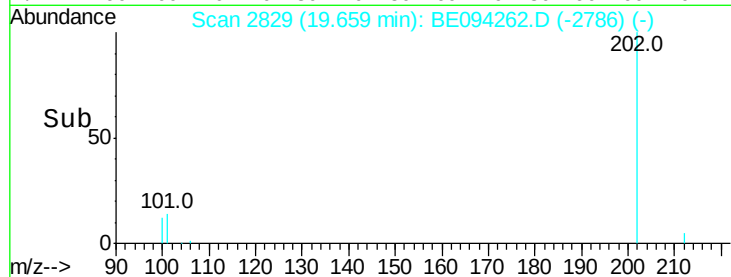
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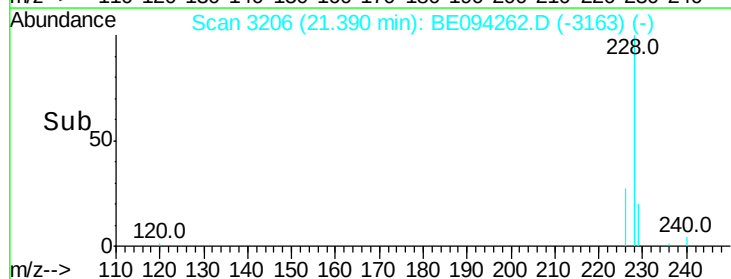
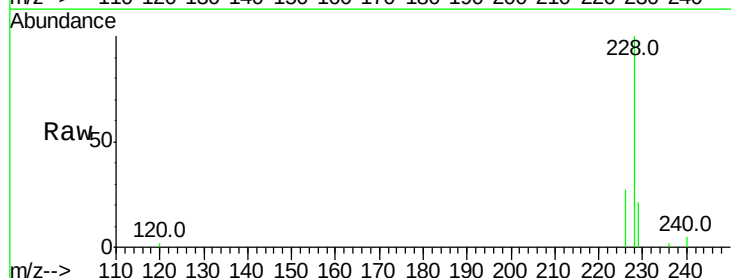
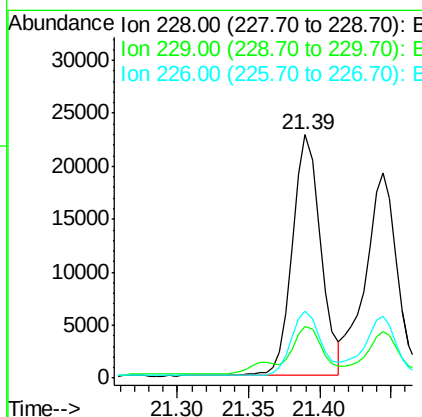
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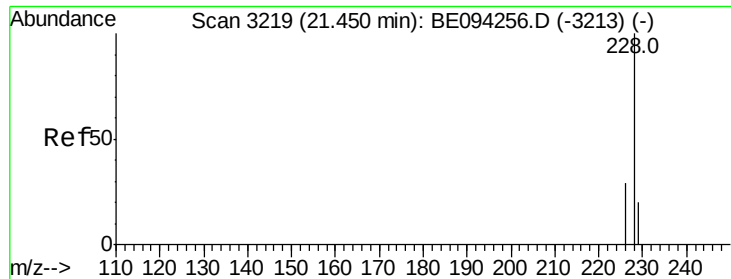
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#18
Benzo(a)anthracene
Concen: 0.940 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE094262.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	27.5	17.0	25.6#





#19

Chrysene

Concen: 0.796 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE094262.D

Acq: 10 Oct 2017 21:53

Instrument :

BNA_E

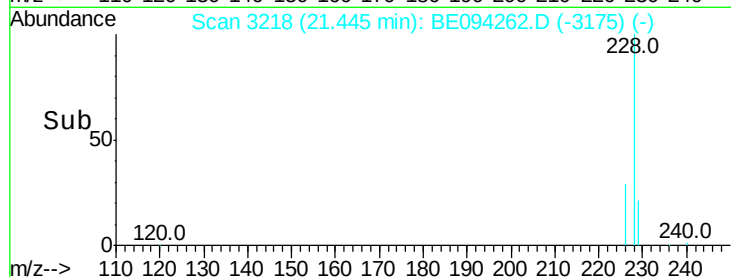
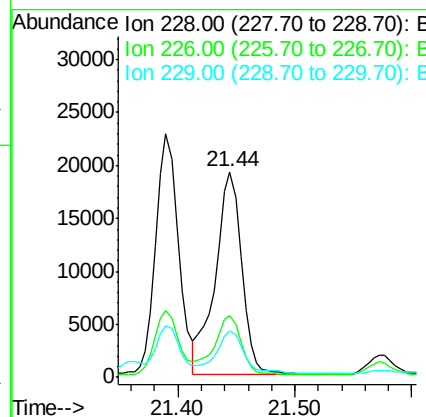
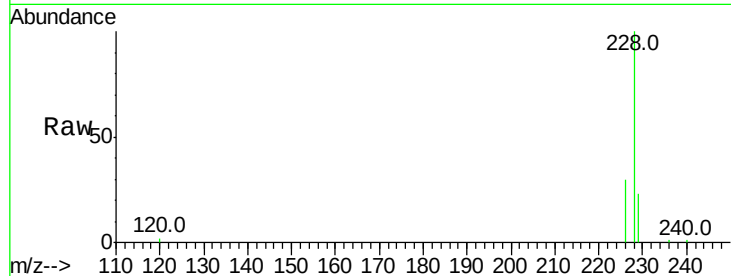
ClientSampleID :

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Tot Ion:	228	Resp:	30380
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	22.9	17.7	26.5

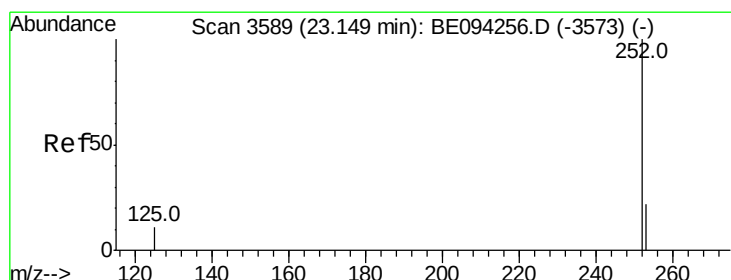
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#21

Benzo(b)fluoranthene

Concen: 1.116 ng/ul m

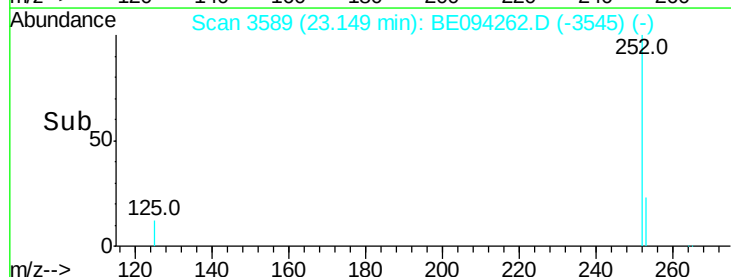
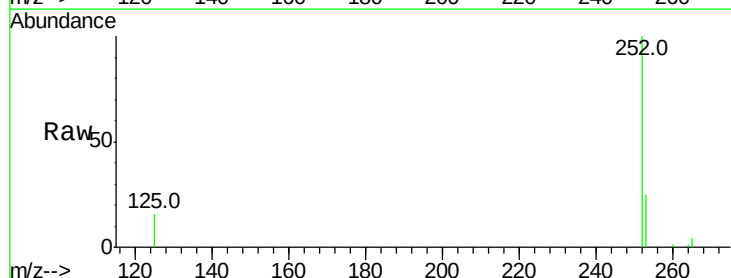
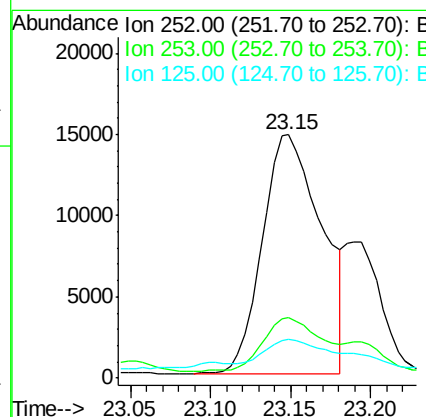
RT: 23.15 min Scan# 3589

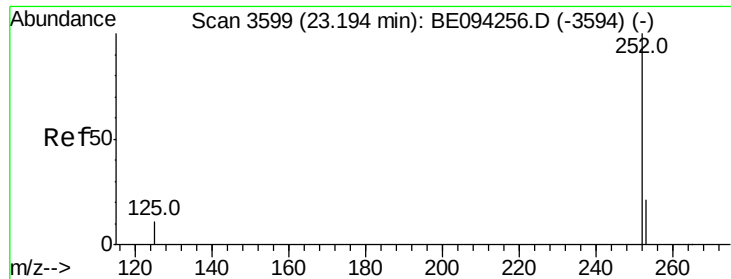
Delta R.T. -0.00 min

Lab File: BE094262.D

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Tgt Ion:	252	Resp:	37912
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	64.2
125	15.8	0.0	35.0





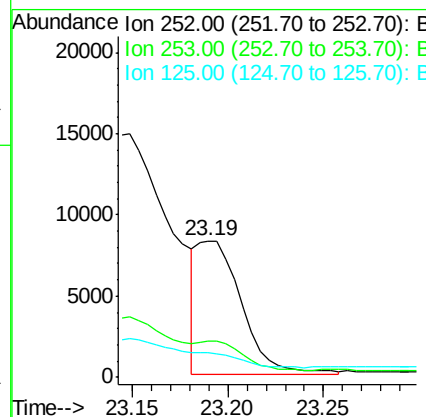
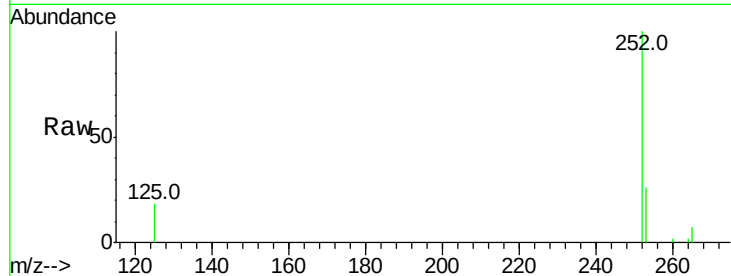
#22
Benzo(k)fluoranthene
Concen: 0.336 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BE094262.D
Acq: 10 Oct 2017 21:53

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	24.5	36.7
125	18.1	13.7	20.5

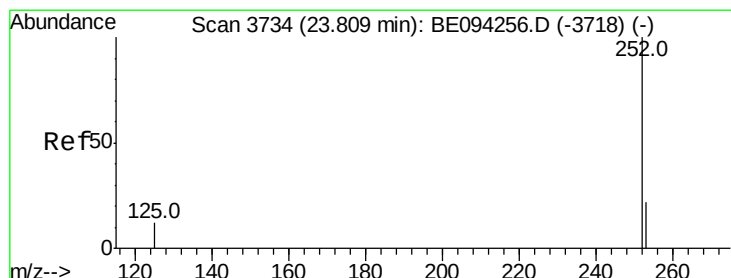
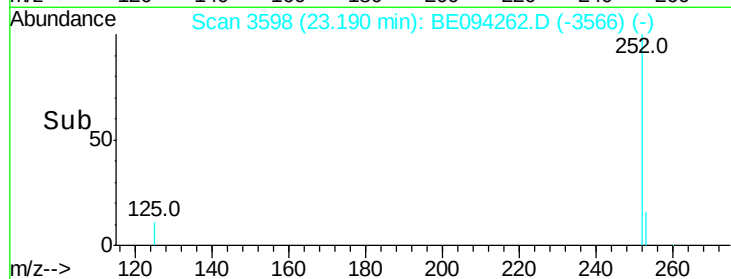
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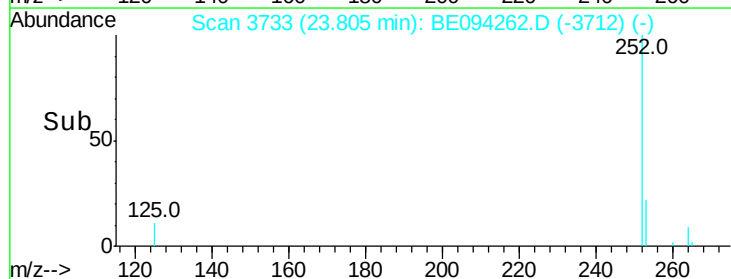
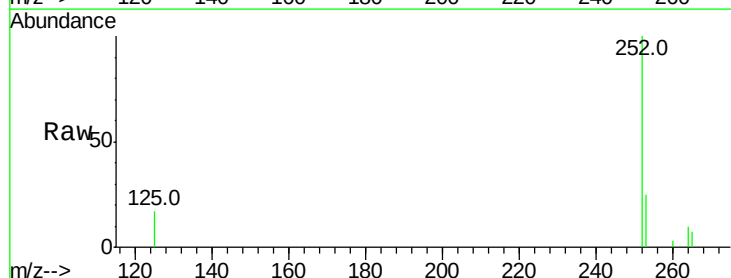
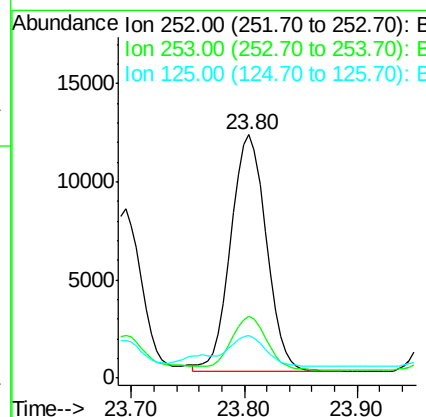
Sohil

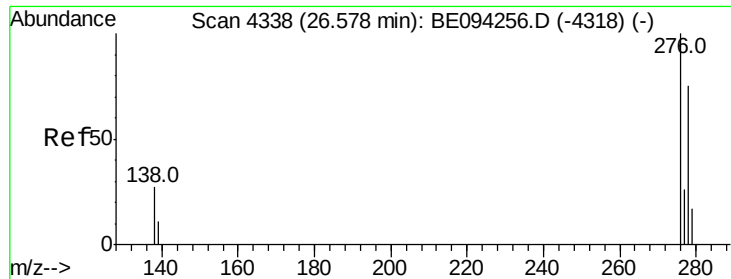
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#23
Benzo(a)pyrene
Concen: 0.738 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE094262.D
Acq: 10 Oct 2017 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	28.5	42.7#
125	17.4	18.1	27.1#





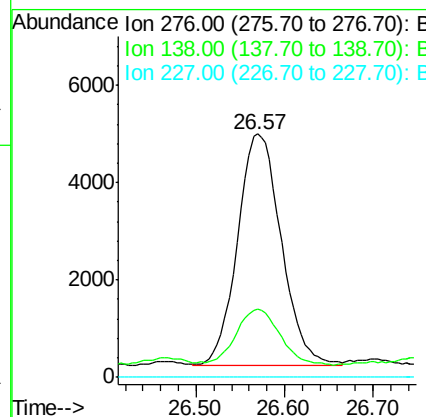
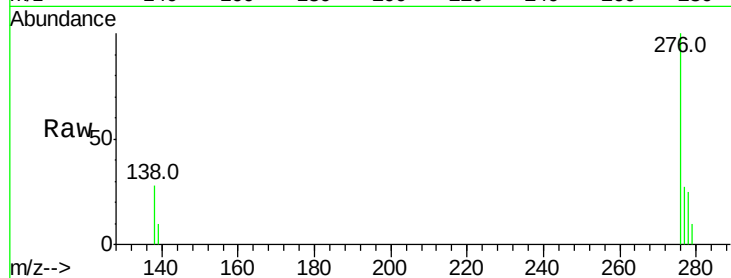
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 26.57 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BE094262.D
Acq: 10 Oct 2017 21:53

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	28.0	42.0#
227	0.0	8.0	12.0#

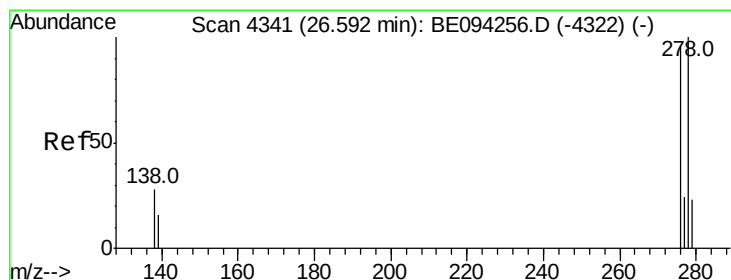
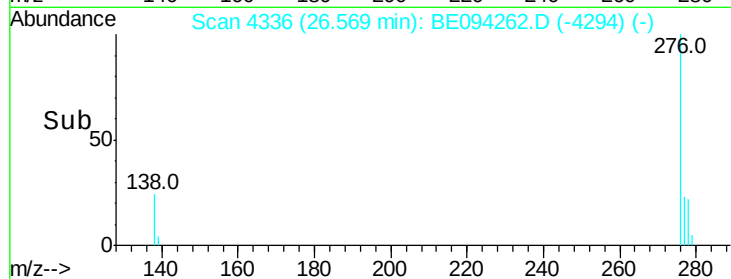
Manual Integrations
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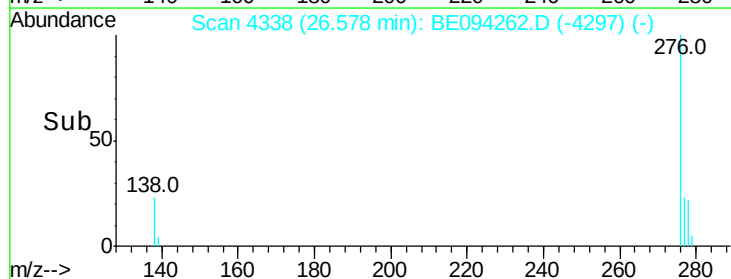
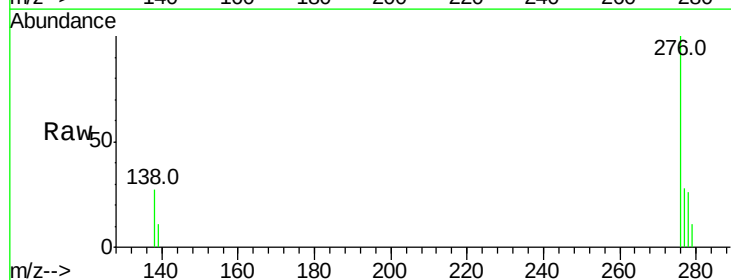
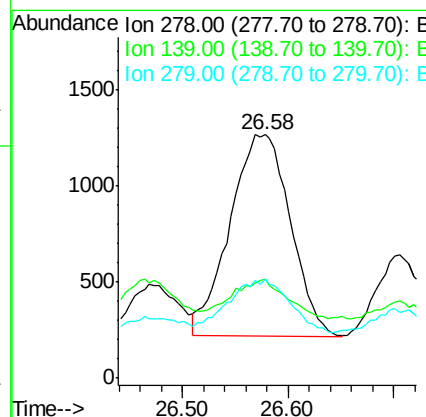
Sohil

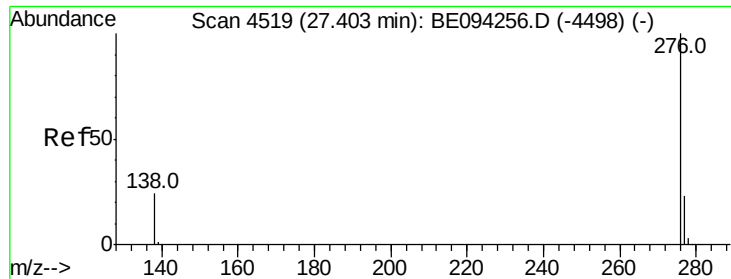
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#25
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 26.58 min Scan# 4338
Delta R.T. -0.01 min
Lab File: BE094262.D
Acq: 10 Oct 2017 21:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.5	17.4	26.0#
279	40.7	25.9	38.9#





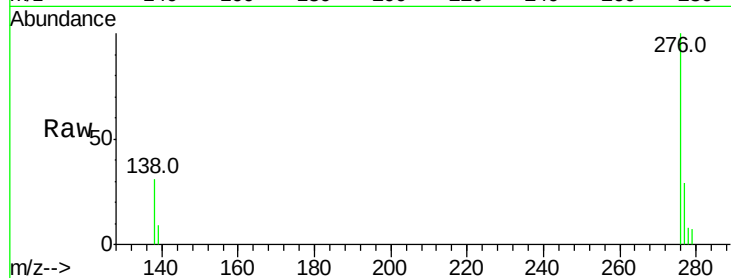
#26
 Benzo(a,h,i)perylene
 Concen: 0.412 ng/ul
 RT: 27.39 min Scan# 4517
 Delta R.T. -0.01 min
 Lab File: BE094262.D
 Acq: 10 Oct 2017 21:53

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6DL

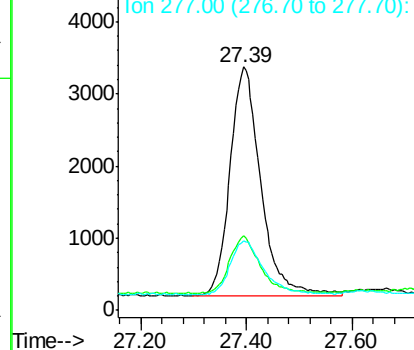
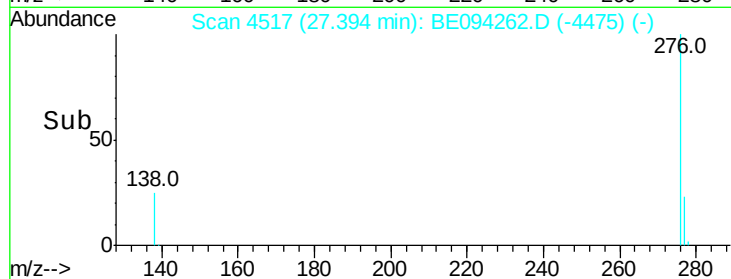
Tot Ion:	276	Resp:	12843
Ion Ratio	Lower	Upper	
276	100		
138	30.6	21.8	32.8
277	28.7	20.5	30.7

Manual Integrations
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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



Sohil

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