

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111517\
 Data File : BE094812.D
 Acq On : 15 Nov 2017 12:35
 Operator : SJ/JU
 Sample : I6260-03DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X2B43DL

Manual Integrations
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Quant Time: Nov 16 11:40:36 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 00:58:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	629	0.40	ng/ul	0.01
2) Naphthalene-d8	10.75	136	3472	0.40	ng/ul	0.04
6) Acenaphthene-d10	14.55	164	2284	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.27	188	6193	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	7687	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	7537	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.37	152	945	0.17	ng/ul	0.06
14) Fluoranthene-d10	19.30	212	3647	0.17	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.80	128	2874	0.348	ng/ul#	87
5) 2-Methylnaphthalene	12.44	142	1292	0.225	ng/ul	98
9) Fluorene	15.61	166	2733	0.306	ng/ul	94
11) Pentachlorophenol	17.03	266	568m	1.739	ng/ul	
13) Anthracene	17.41	178	7276	0.429	ng/ul#	91
15) Fluoranthene	19.34	202	8065	0.370	ng/ul	84
17) Pyrene	19.70	202	9787	0.407	ng/ul#	81
19) Chrysene	21.49	228	7540	0.323	ng/ul	99
21) Benzo(b)fluoranthene	23.20	252	6329	0.282	ng/ul	92
23) Benzo(a)pyrene	23.88	252	8063	0.361	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.70	278	15544	0.758	ng/ul	91

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

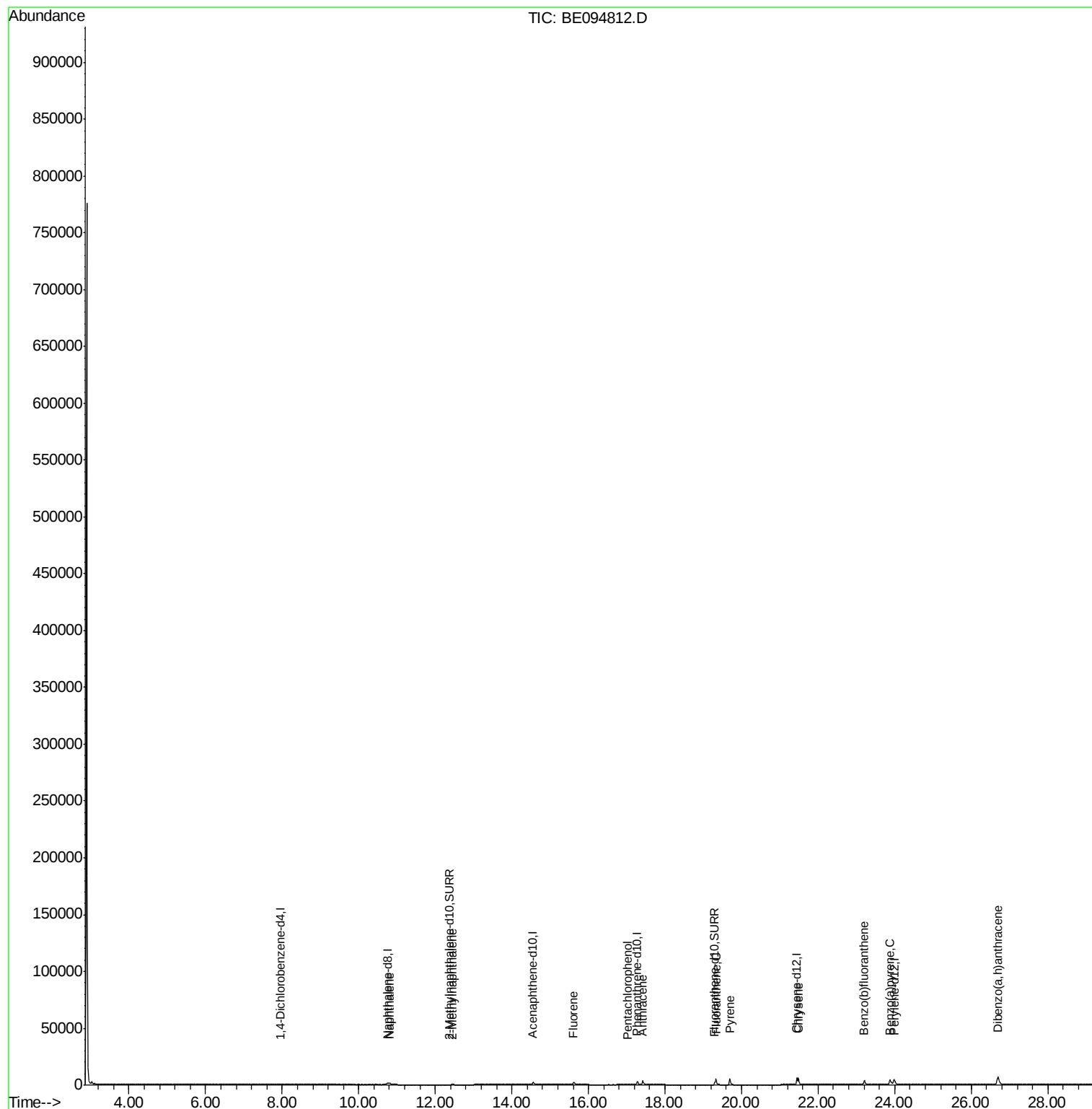
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111517\
Data File : BE094812.D
Acq On : 15 Nov 2017 12:35
Operator : SJ/JU
Sample : I6260-03DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

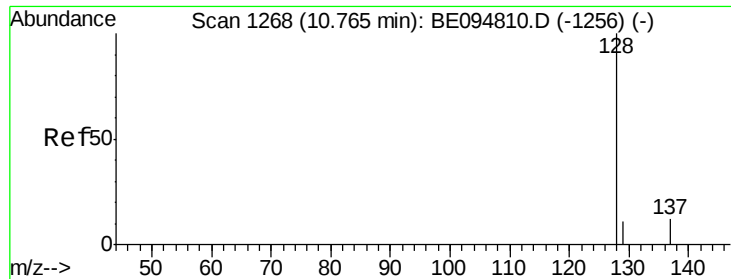
Instrument :
BNA_E
ClientSampleId :
X2B43DL

Manual Integrations
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11/16/2017 6:17:12 PM

Quant Time: Nov 16 11:40:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
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#3

Naphthalene

Concen: 0.348 ng/ul

RT: 10.80 min Scan# 1275

Delta R.T. 0.04 min

Lab File: BE094812.D

Acq: 15 Nov 2017 12:35

Instrument :

BNA_E

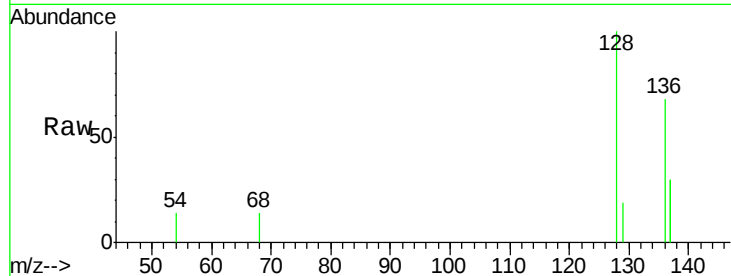
ClientSampleId :

X2B43DL

Tgt Ion:	128	Resp:	2874
Ion Ratio	Lower	Upper	
128	100		
129	19.2	11.3	16.9#
127	0.0	4.0	6.0#

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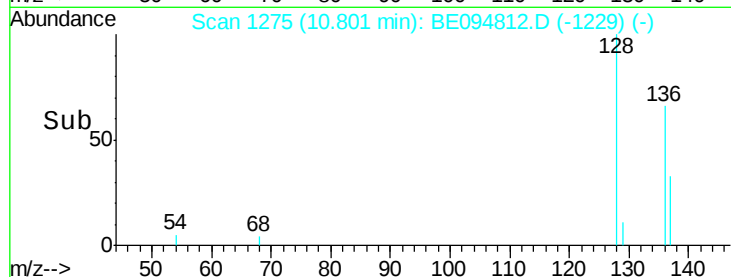


Abundance Ion 128.00 (127.70 to 128.70): E

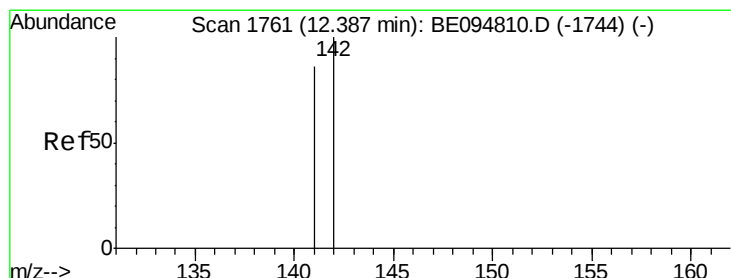
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



Time-->



#5

2-Methylnaphthalene

Concen: 0.225 ng/ul

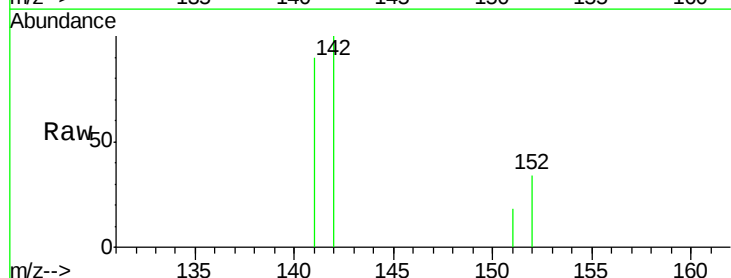
RT: 12.44 min Scan# 1779

Delta R.T. 0.05 min

Lab File: BE094812.D

Acq: 15 Nov 2017 12:35

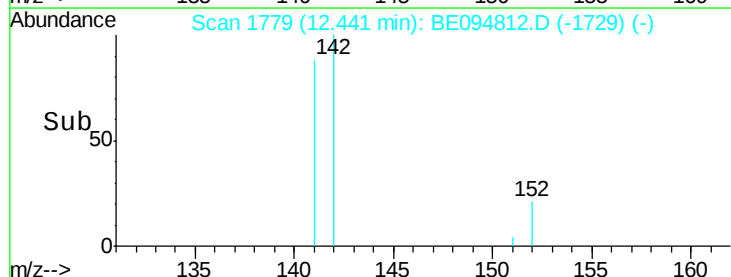
Tgt Ion:	142	Resp:	1292
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.6	108.8



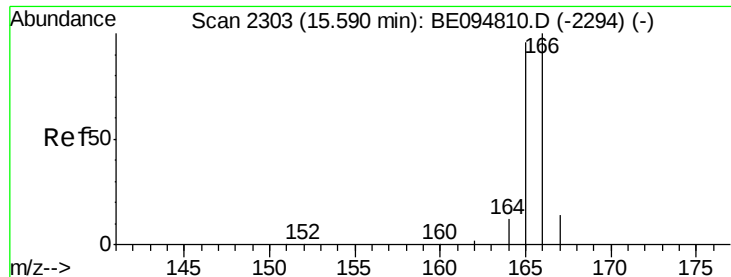
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#9

Fluorene

Concen: 0.306 ng/ul

RT: 15.61 min Scan# 2306

Delta R.T. 0.02 min

Lab File: BE094812.D

Acq: 15 Nov 2017 12:35

Instrument :

BNA_E

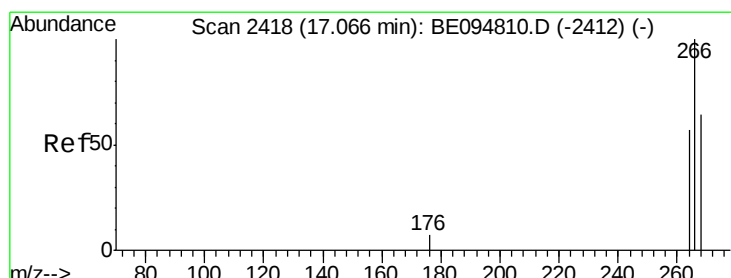
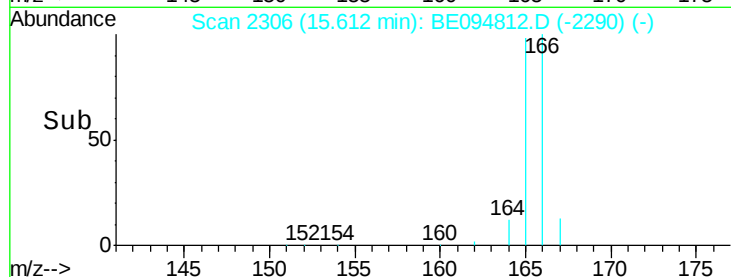
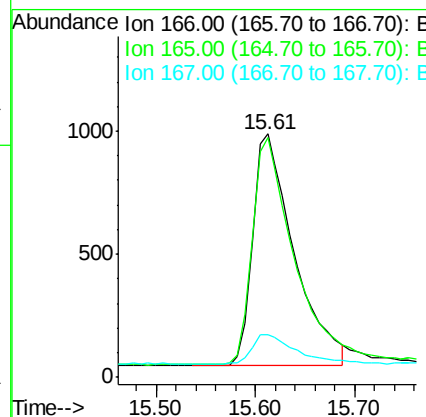
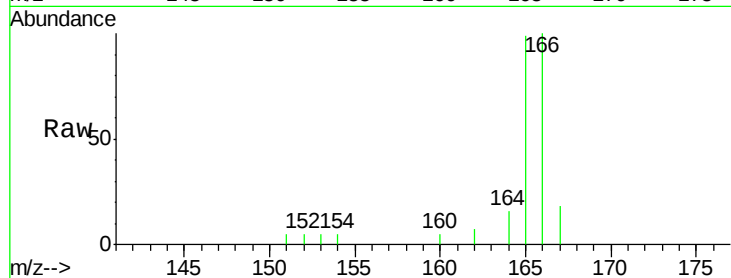
ClientSampleId :

X2B43DL

Tgt Ion:	166	Resp:	2733
Ion Ratio	Lower	Upper	
166	100		
165	98.7	73.4	110.2
167	17.7	14.6	22.0

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#11

Pentachlorophenol

Concen: 1.739 ng/ul m

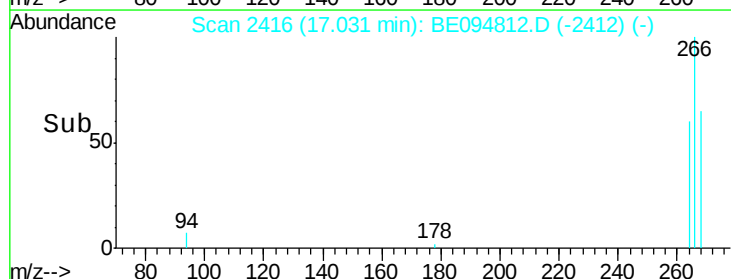
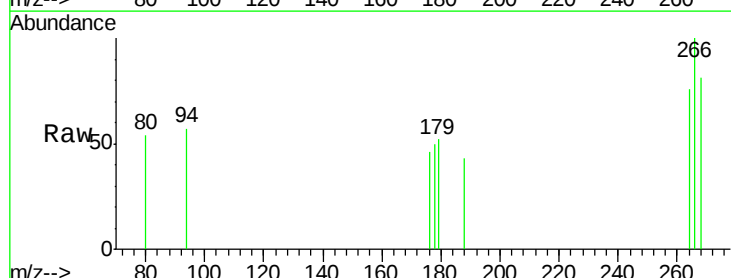
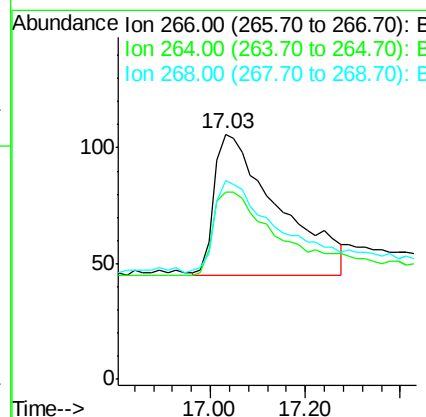
RT: 17.03 min Scan# 2416

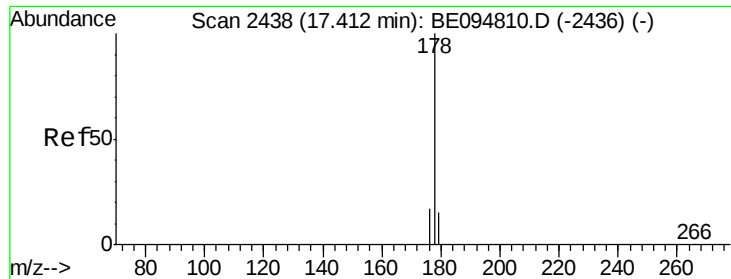
Delta R.T. -0.03 min

Lab File: BE094812.D

Acq: 15 Nov 2017 12:35

Tgt Ion:	266	Resp:	568
Ion Ratio	Lower	Upper	
266	100		
264	34.3	47.9	71.9#
268	40.5	49.8	74.8#





#13

Anthracene

Concen: 0.429 ng/ul

RT: 17.41 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BE094812.D

Acq: 15 Nov 2017 12:35

Instrument :

BNA_E

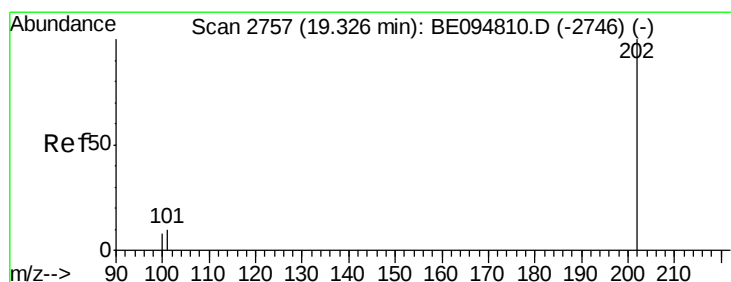
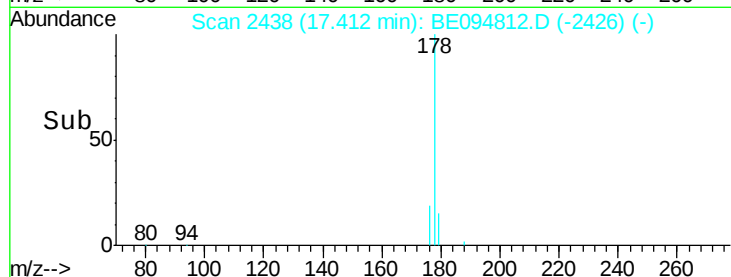
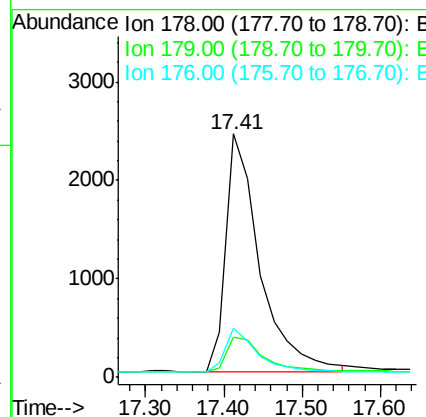
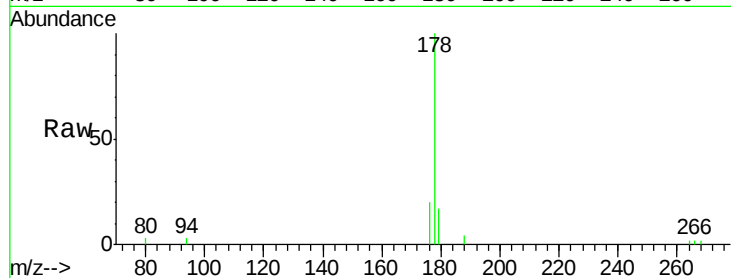
ClientSampleId :

X2B43DL

Tgt Ion:	178	Resp:	7276
Ion Ratio	Lower	Upper	
178	100		
179	16.5	18.1	27.1#
176	20.3	14.7	22.1

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#15

Fluoranthene

Concen: 0.370 ng/ul

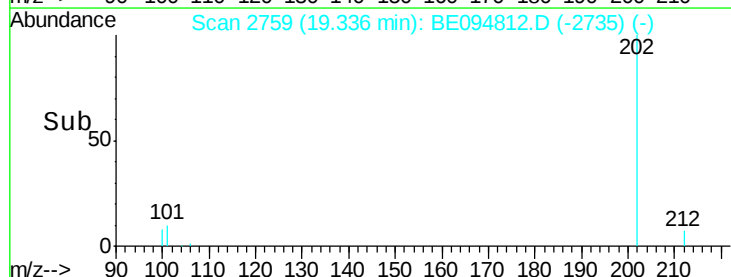
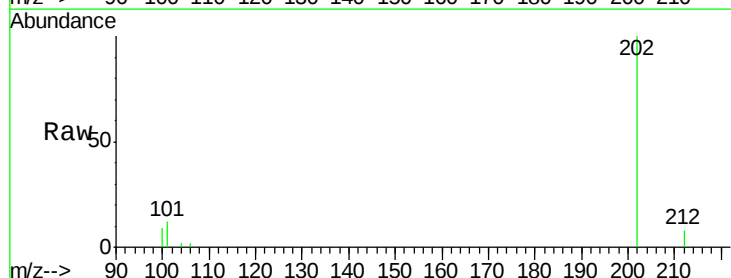
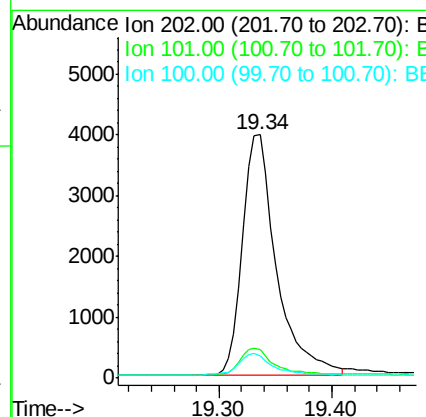
RT: 19.34 min Scan# 2759

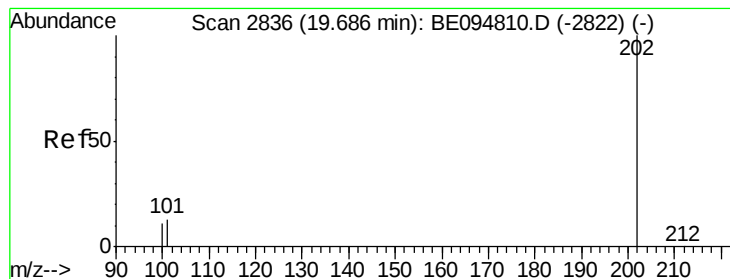
Delta R.T. 0.01 min

Lab File: BE094812.D

Acq: 15 Nov 2017 12:35

Tgt Ion:	202	Resp:	8065
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.3
100	9.1	0.0	39.5





#17

Pyrene

Concen: 0.407 ng/ul

RT: 19.70 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BE094812.D

Acq: 15 Nov 2017 12:35

Instrument :

BNA_E

ClientSampleId :

X2B43DL

Tgt Ion:202 Resp: 9787

Ion Ratio Lower Upper

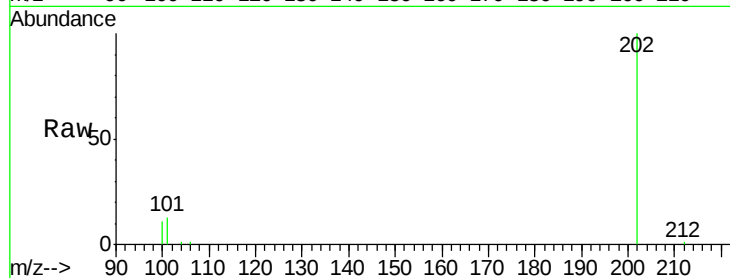
202 100

101 13.3 18.2 27.4#

100 11.3 15.6 23.4#

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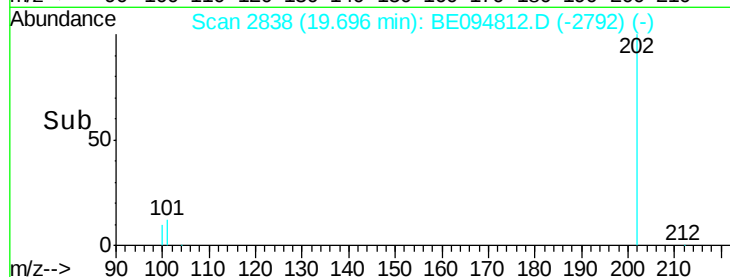


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 19.60 19.70 19.80



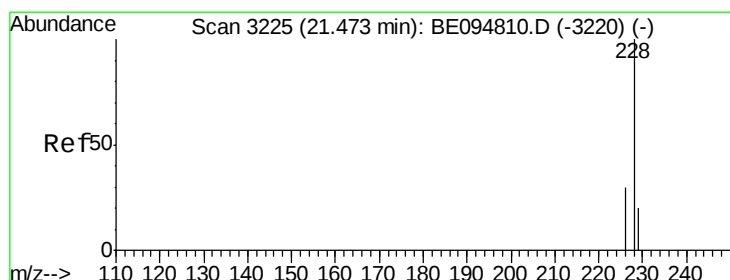
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 19.60 19.70 19.80



#19

Chrysene

Concen: 0.323 ng/ul

RT: 21.49 min Scan# 3228

Delta R.T. 0.01 min

Lab File: BE094812.D

Acq: 15 Nov 2017 12:35

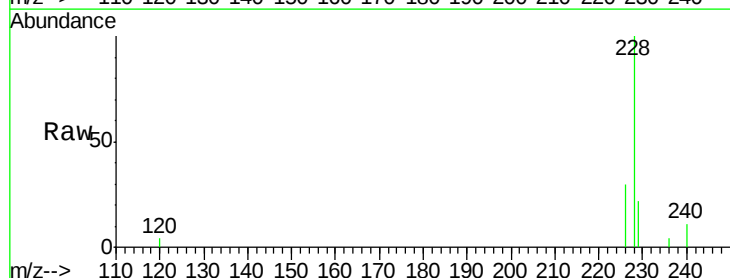
Tgt Ion:228 Resp: 7540

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

229 21.7 17.7 26.5

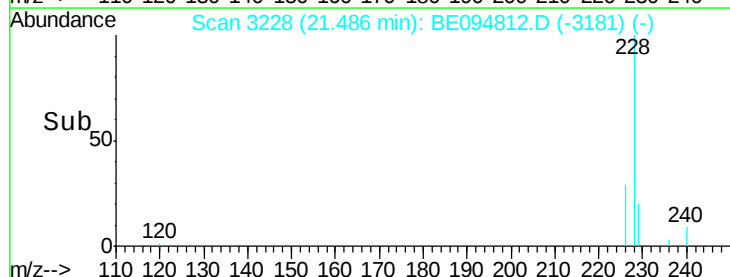


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time--> 21.40 21.50 21.60 21.70



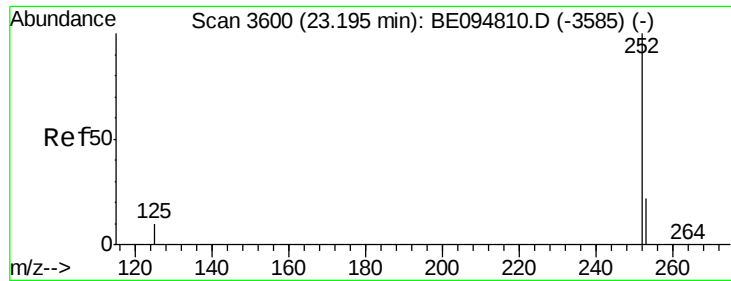
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time--> 21.40 21.50 21.60 21.70



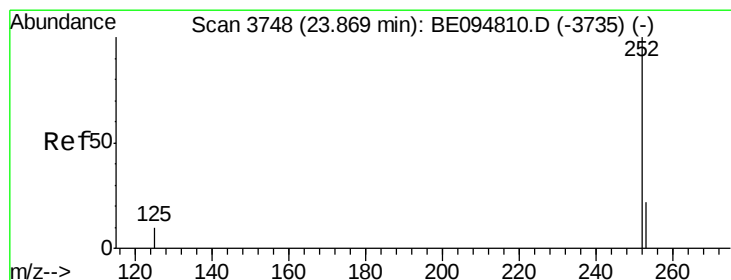
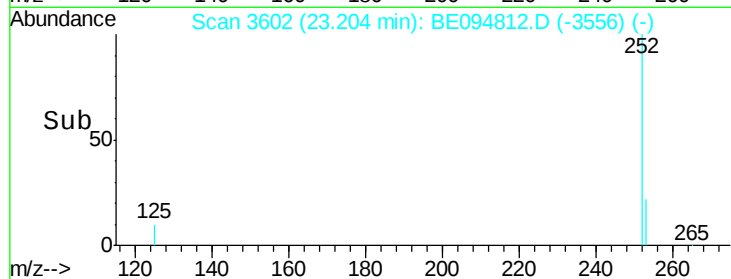
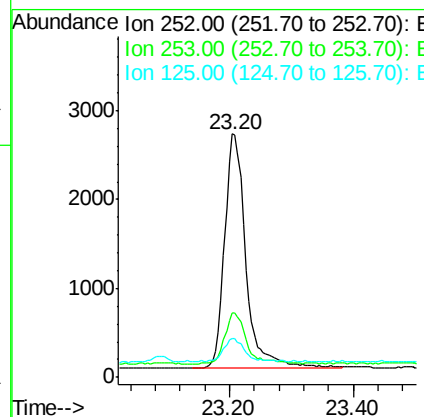
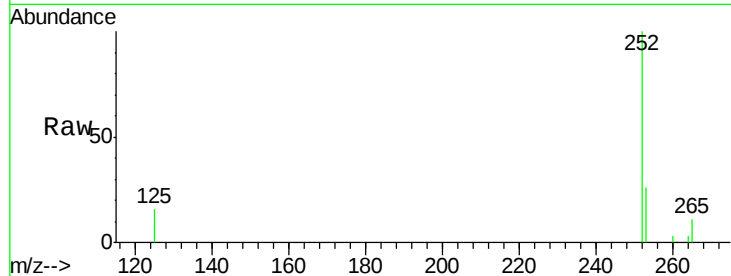
#21
Benzo(b)fluoranthene
Concen: 0.282 ng/u1
RT: 23.20 min Scan# 3602
Delta R.T. 0.01 min
Lab File: BE094812.D
Acq: 15 Nov 2017 12:35

Instrument :
BNA_E
ClientSampleId :
X2B43DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.5	0.0	64.2
125	15.8	0.0	35.0

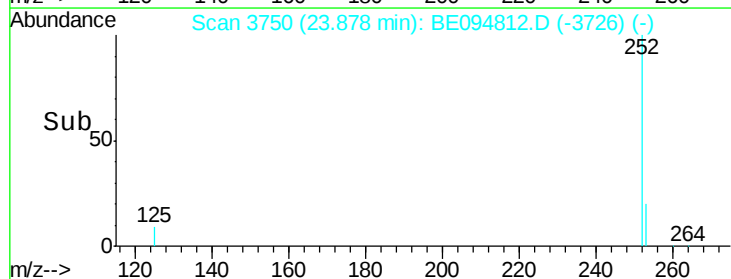
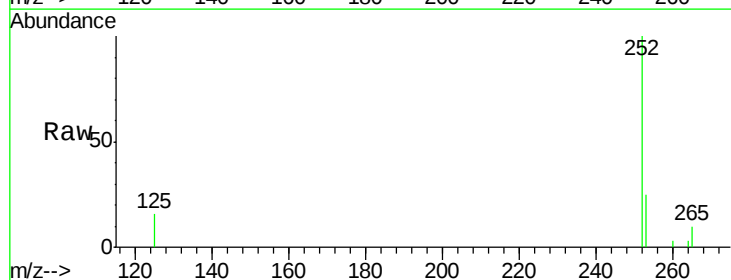
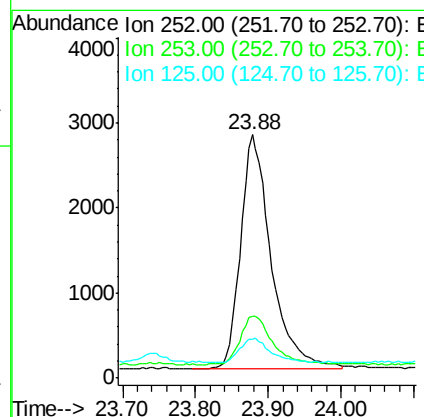
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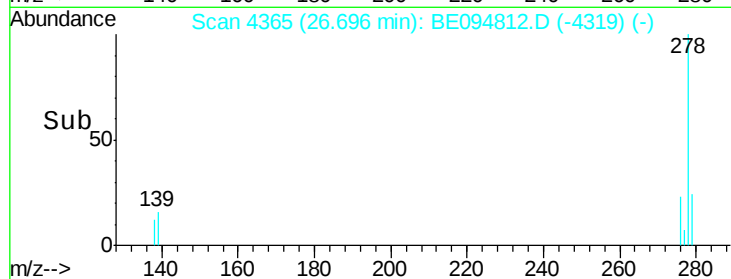
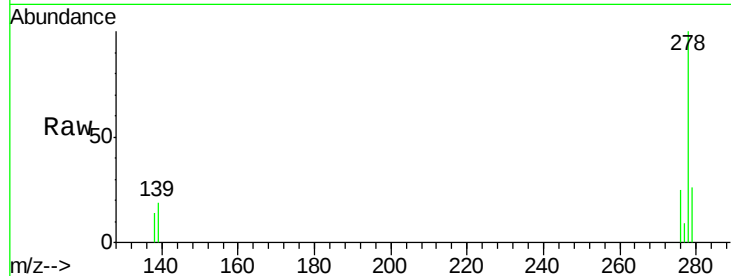
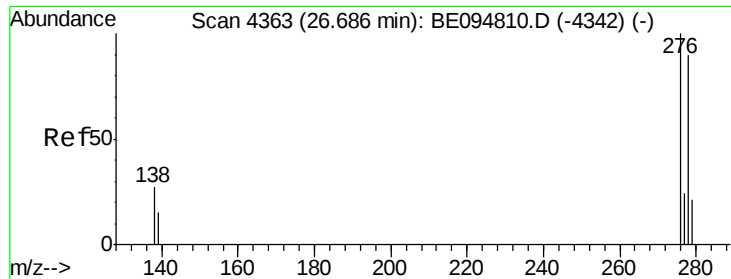
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#23
Benzo(a)pyrene
Concen: 0.361 ng/u1
RT: 23.88 min Scan# 3750
Delta R.T. 0.01 min
Lab File: BE094812.D
Acq: 15 Nov 2017 12:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.4	28.5	42.7#
125	16.2	18.1	27.1#





#25

Dibenzo(a,h)anthracene

Concen: 0.758 ng/ul

RT: 26.70 min Scan# 4365

Delta R.T. 0.01 min

Lab File: BE094812.D

Acq: 15 Nov 2017 12:35

Instrument :

BNA_E

ClientSampleId :

X2B43DL

Tgt Ion:	278	Resp:	15544
Ion Ratio	Lower	Upper	
278	100		
139	19.1	17.4	26.0
279	26.2	25.9	38.9

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