

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094829.D
 Acq On : 22 Nov 2017 13:35
 Operator : SJ/JU
 Sample : I6514-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
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Sohil
 11/27/2017 3:25:00 PM

Quant Time: Nov 23 01:15:31 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 23 00:56:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	770	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.67	136	4960	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.50	164	3398	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	7955m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8217	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9107	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.26	152	2885	0.36	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	8457	0.31	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.72	128	6056	0.513	ng/ul#	94
5) 2-Methylnaphthalene	12.34	142	1772	0.216	ng/ul	98
8) Acenaphthene	14.56	153	4904	0.448	ng/ul	98
9) Fluorene	15.55	166	7044	0.530	ng/ul	97
12) Phenanthrene	17.27	178	45079	2.110	ng/ul#	89
13) Anthracene	17.36	178	5633	0.259	ng/ul#	95
15) Fluoranthene	19.30	202	15330	0.547	ng/ul	84
17) Pyrene	19.66	202	15151	0.589	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	2309	0.092	ng/ul#	91
19) Chrysene	21.46	228	2346	0.094	ng/ul#	87
21) Benzo(b)fluoranthene	23.17	252	1713m	0.063	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	731m	0.025	ng/ul	
23) Benzo(a)pyrene	23.83	252	1114	0.041	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	26.68	276	636	0.022	ng/ul#	82

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

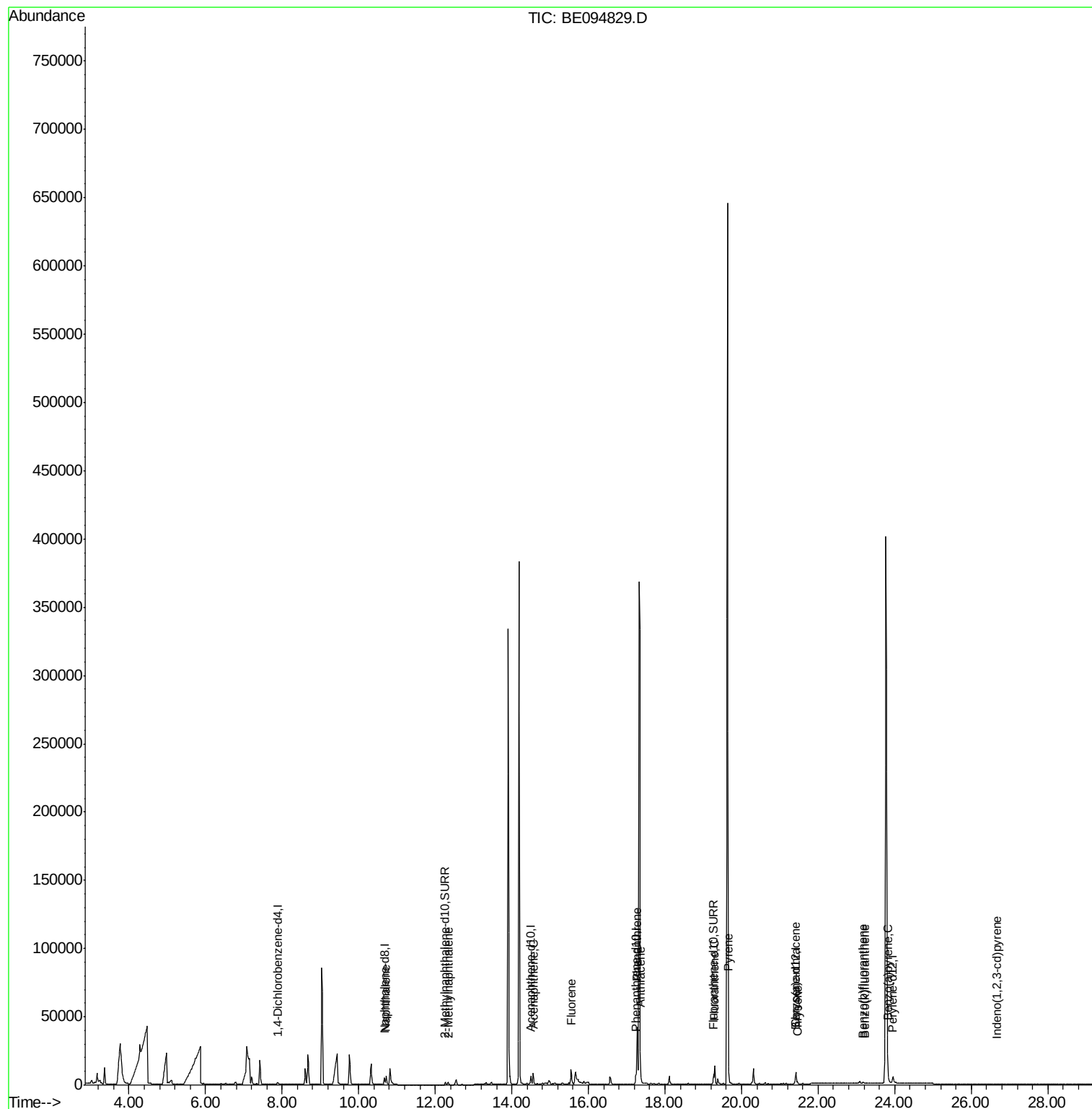
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094829.D
Acq On : 22 Nov 2017 13:35
Operator : SJ/JU
Sample : I6514-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

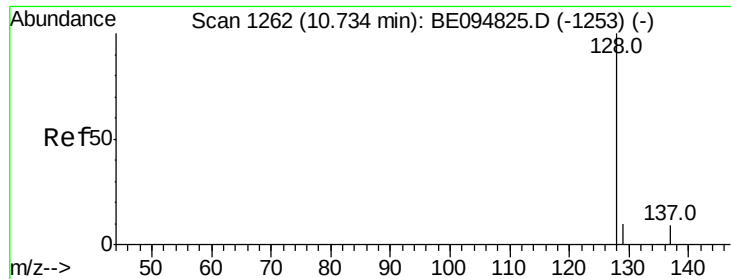
Instrument :
BNA_E
ClientSampleId :
C0AC3

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Quant Time: Nov 23 01:15:31 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 23 00:56:52 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.513 ng/ul

RT: 10.72 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

Instrument :

BNA_E

ClientSampled :

C0AC3

Tot Ion:128 Resp: 6056

Ion Ratio Lower Upper

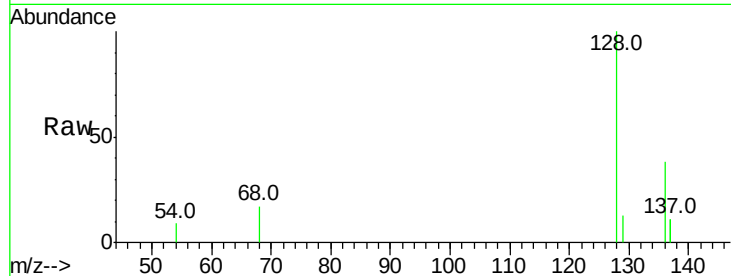
128 100

129 12.8 11.3 16.9

127 0.0 4.0 6.0#

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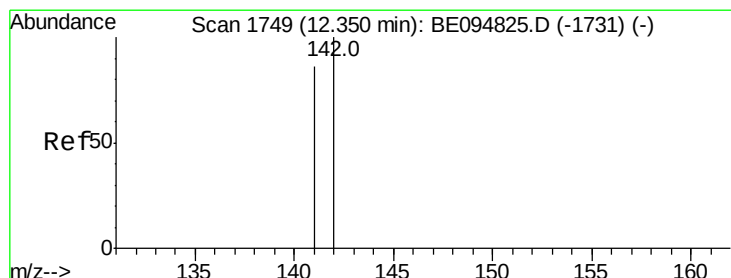
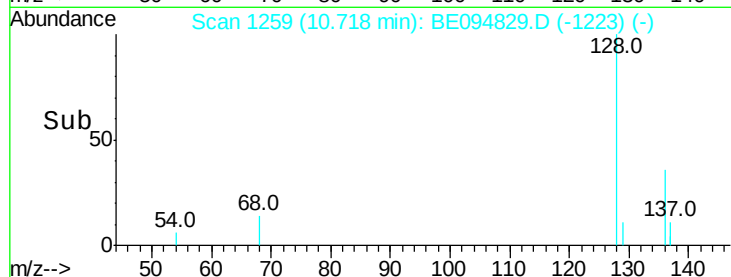
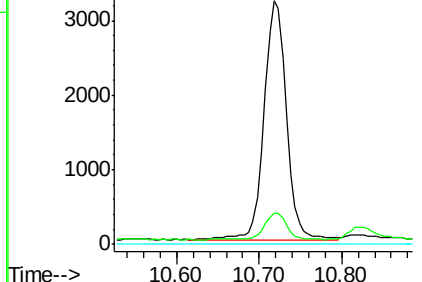
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.216 ng/ul

RT: 12.34 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

Tgt Ion:142 Resp: 1772

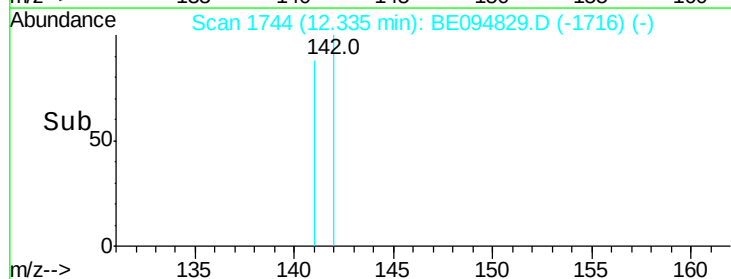
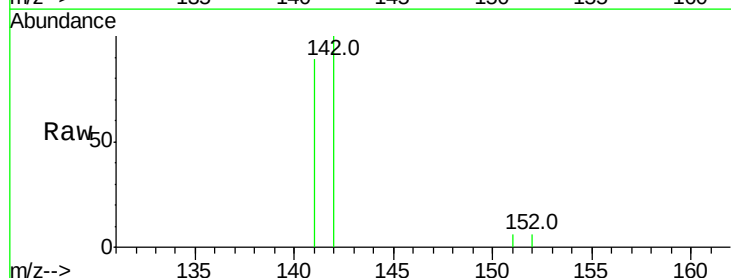
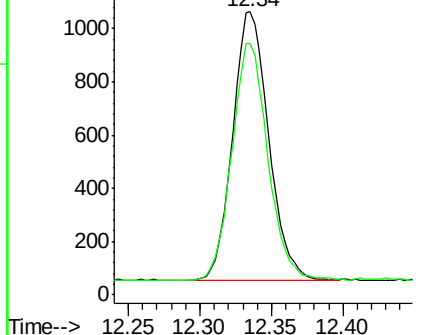
Ion Ratio Lower Upper

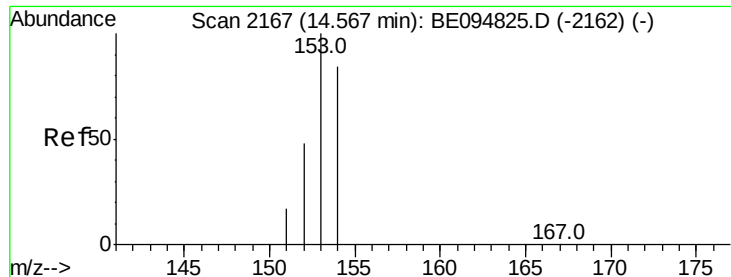
142 100

141 88.4 72.6 108.8

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.448 ng/ul

RT: 14.56 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

Instrument :

BNA_E

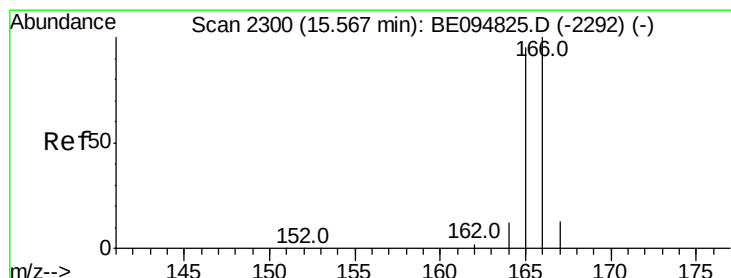
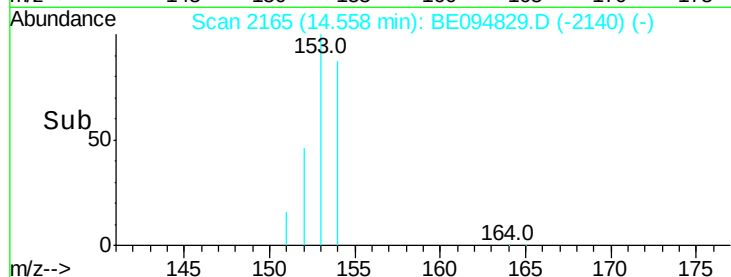
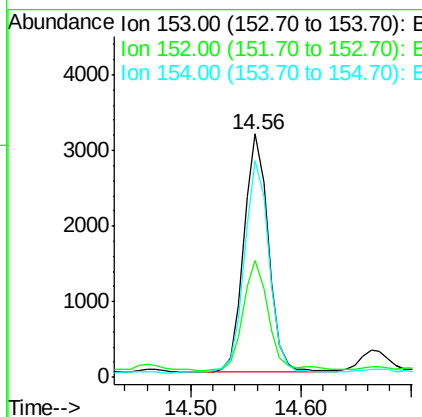
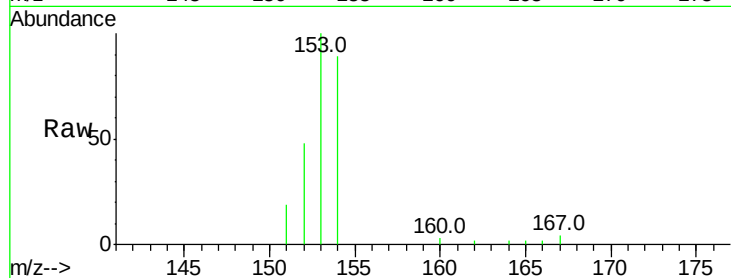
ClientSampleId :

C0AC3

Tot Ion:	153	Resp:	4904
Ion	Ratio	Lower	Upper
153	100		
152	47.8	36.0	54.0
154	89.1	72.0	108.0

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#9

Fluorene

Concen: 0.530 ng/ul

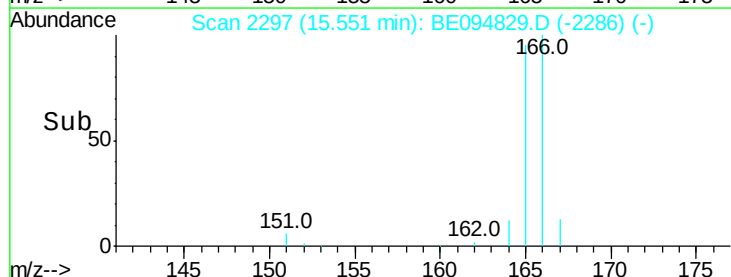
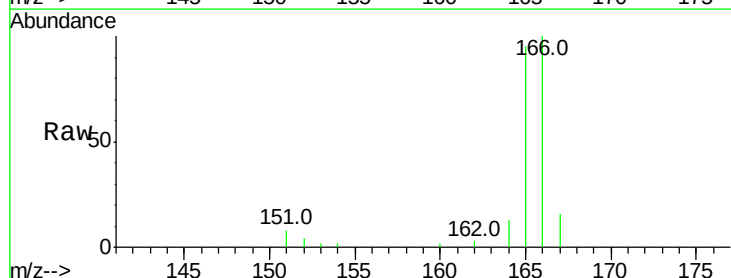
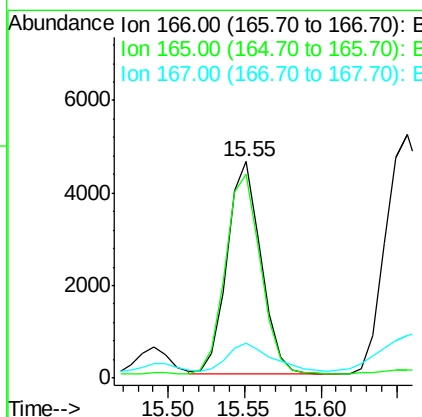
RT: 15.55 min Scan# 2297

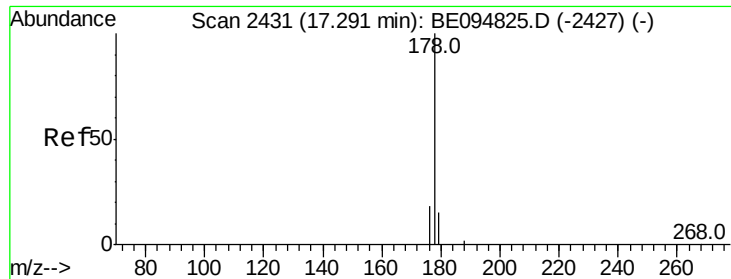
Delta R.T. -0.02 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

Tgt Ion:	166	Resp:	7044
Ion	Ratio	Lower	Upper
166	100		
165	94.6	73.4	110.2
167	16.0	14.6	22.0





#12

Phenanthrene

Concen: 2.110 ng/ul

RT: 17.27 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

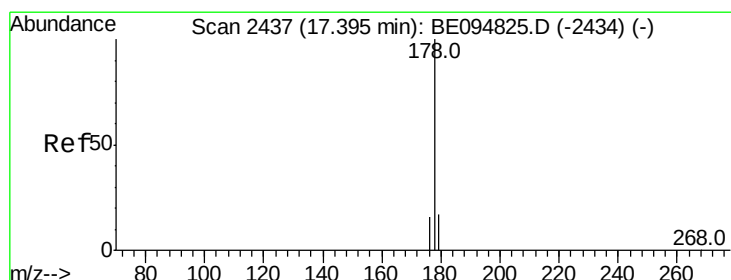
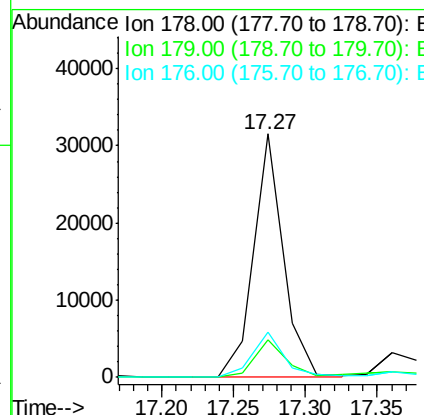
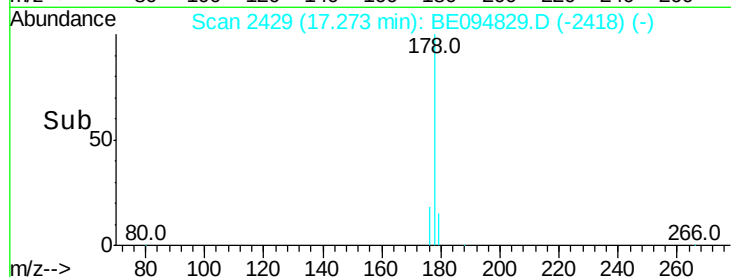
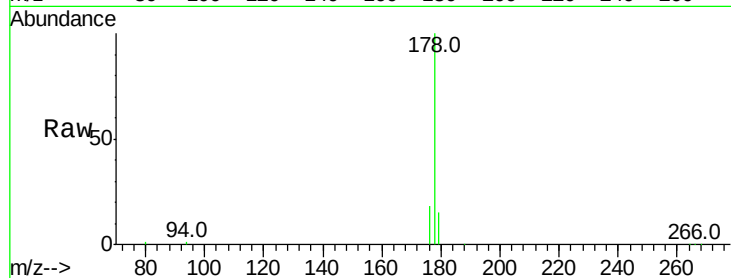
Instrument :
BNA_E
ClientSampleId :
C0AC3

Tot Ion:178 Resp: 45079

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	18.5	13.6	20.4

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#13

Anthracene

Concen: 0.259 ng/ul

RT: 17.36 min Scan# 2434

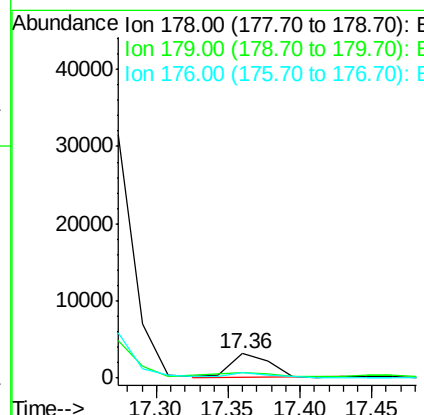
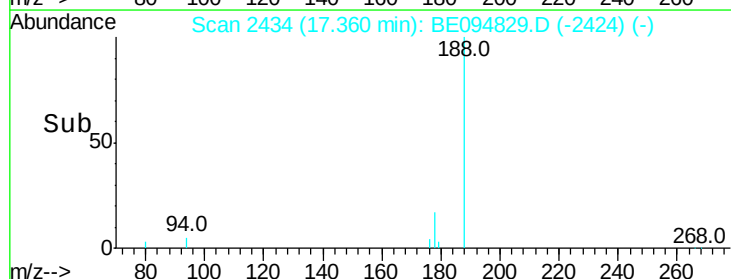
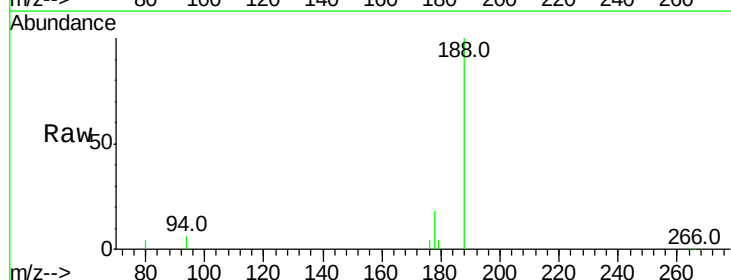
Delta R.T. -0.03 min

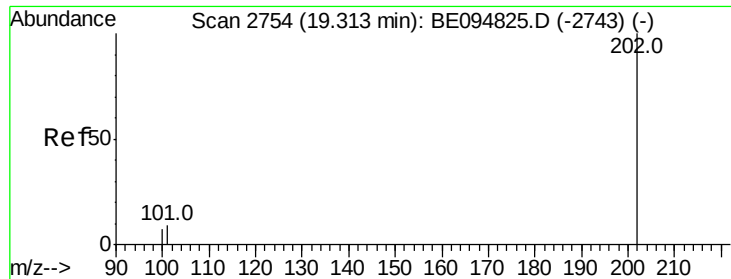
Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

Tgt Ion:178 Resp: 5633

Ion	Ratio	Lower	Upper
178	100		
179	23.1	18.1	27.1
176	22.5	14.7	22.1#





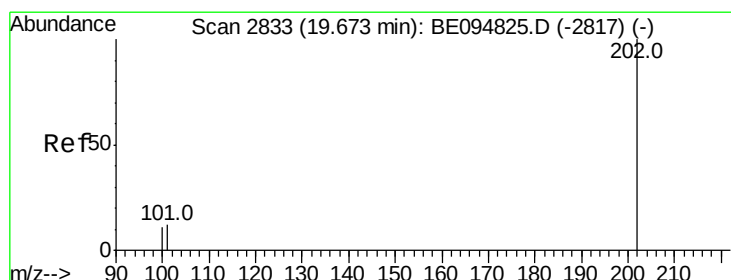
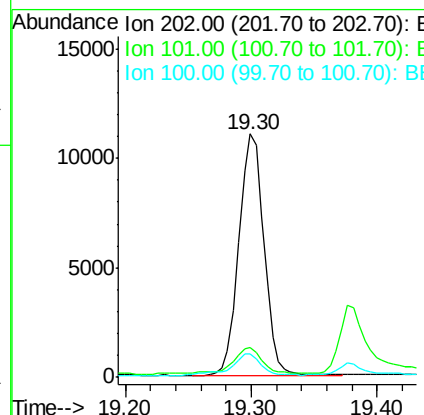
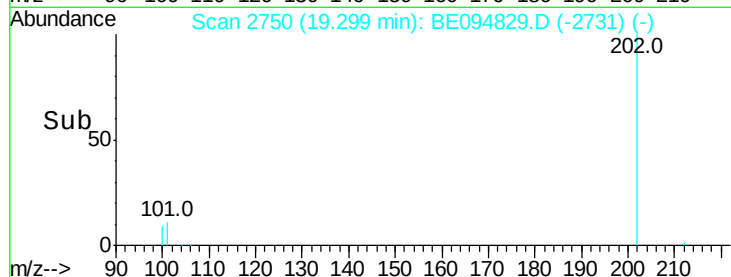
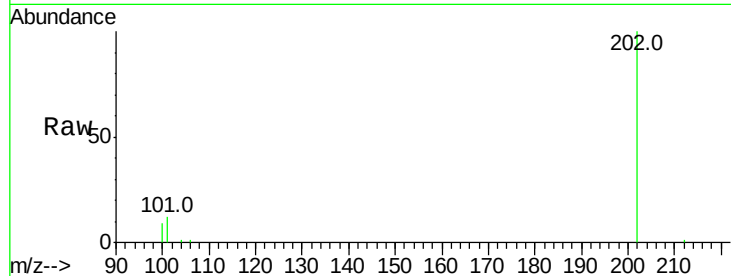
#15
Fluoranthene
 Concen: 0.547 ng/ul
 RT: 19.30 min Scan# 2750
 Delta R.T. -0.01 min
 Lab File: BE094829.D
 Acq: 22 Nov 2017 13:35

Instrument :
 BNA_E
 ClientSampled :
 C0AC3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.4	0.0	39.5

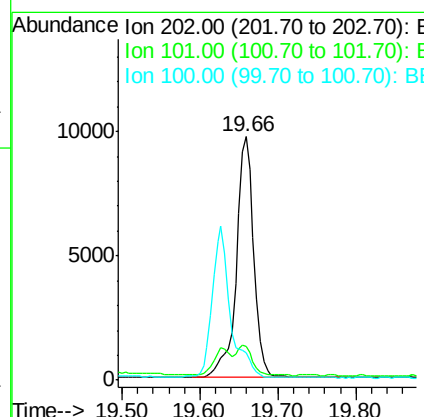
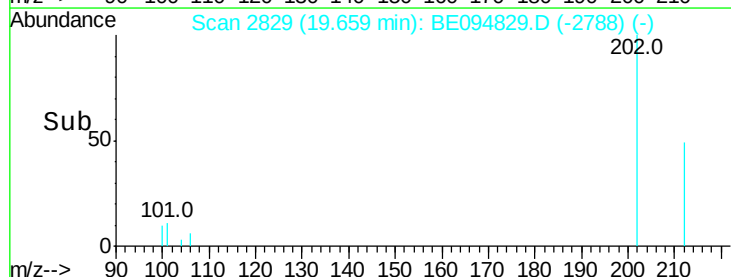
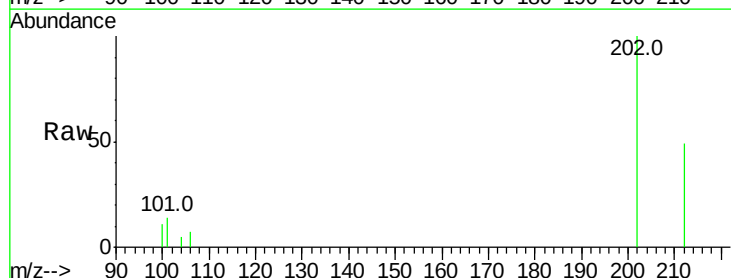
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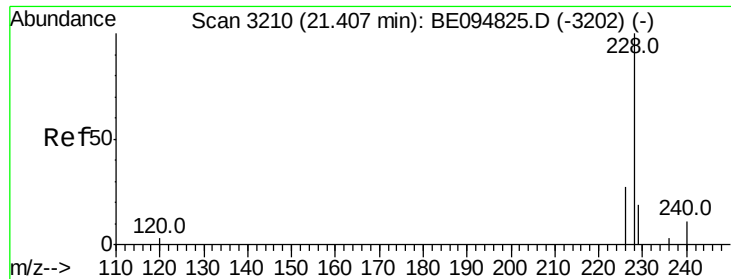
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#17
Pyrene
 Concen: 0.589 ng/ul
 RT: 19.66 min Scan# 2829
 Delta R.T. -0.01 min
 Lab File: BE094829.D
 Acq: 22 Nov 2017 13:35

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	18.2	27.4#
100	11.3	15.6	23.4#





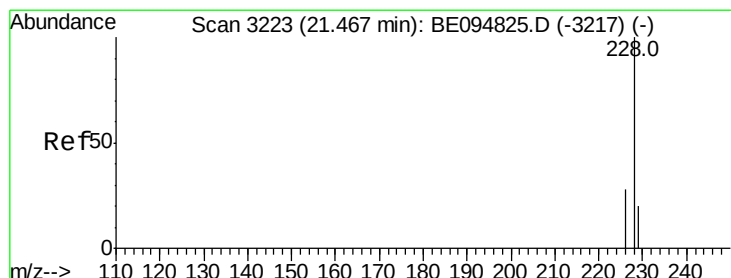
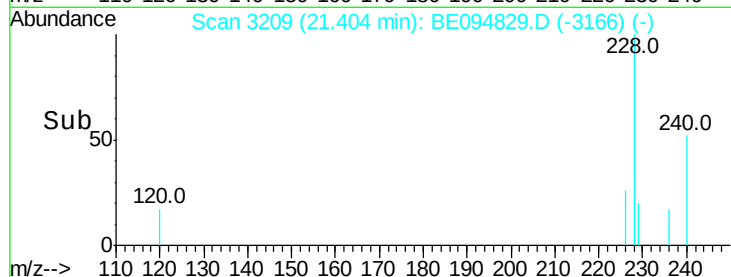
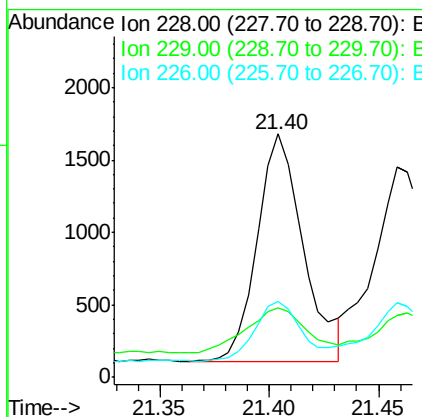
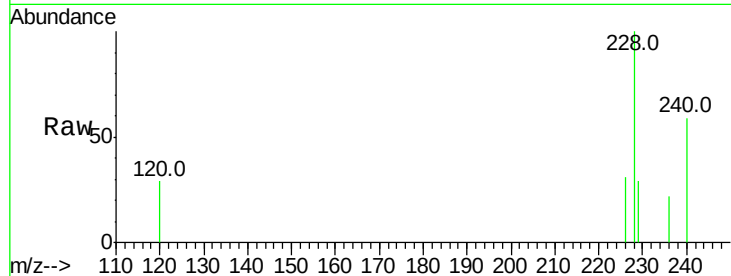
#18
Benzo(a)anthracene
Concen: 0.092 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

Instrument :
BNA_E
ClientSampled :
C0AC3

Tot Ion	Ratio	Lower	Upper
228	100		
229	28.7	22.8	34.2
226	31.1	17.0	25.6

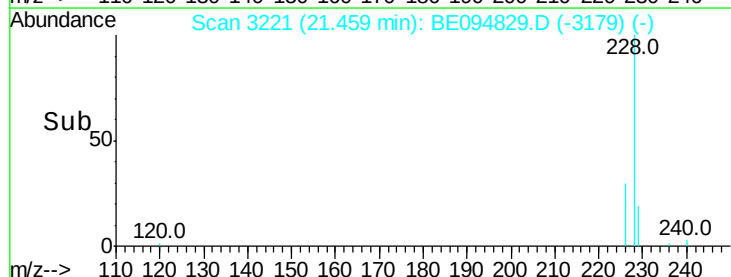
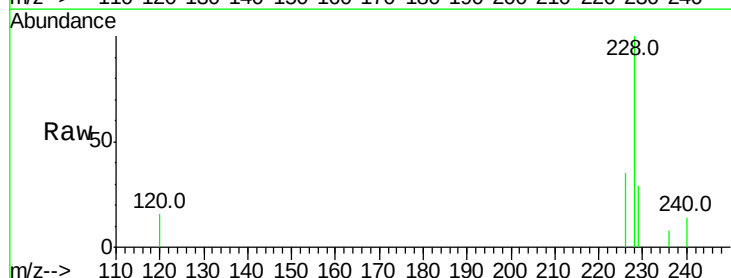
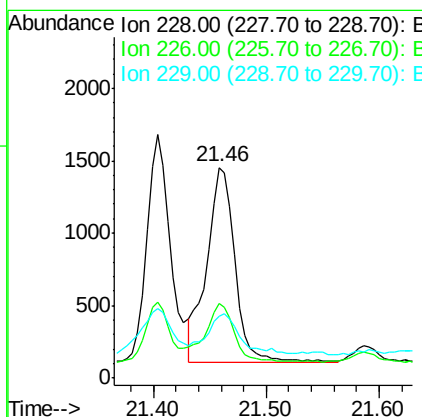
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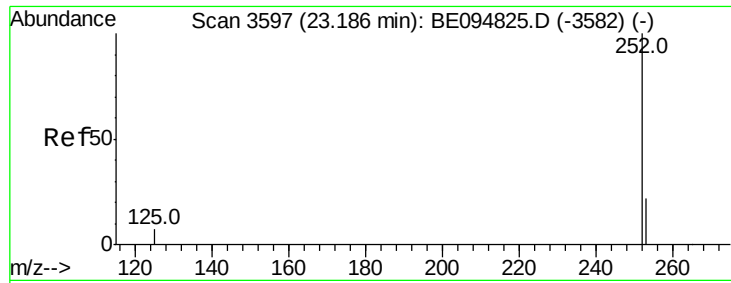
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#19
Chrysene
Concen: 0.094 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.2	23.4	35.0
229	29.2	17.7	26.5





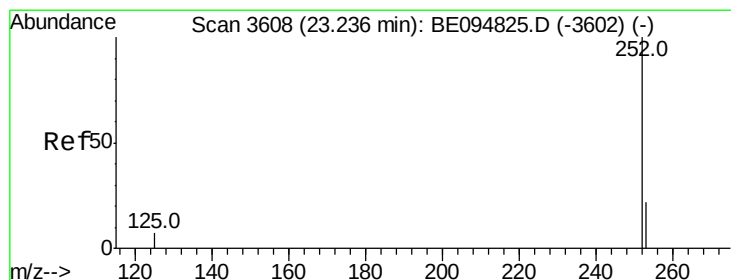
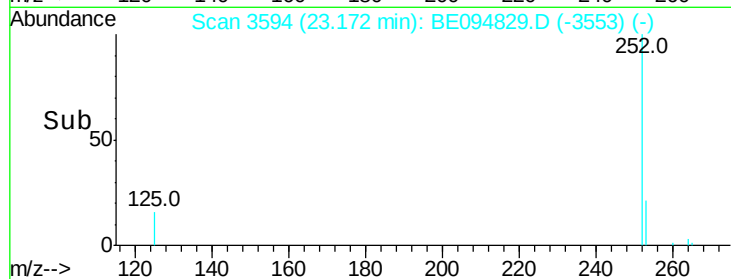
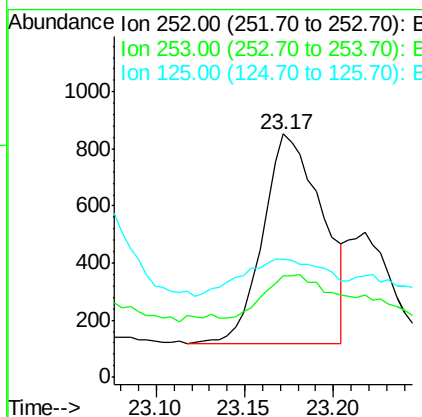
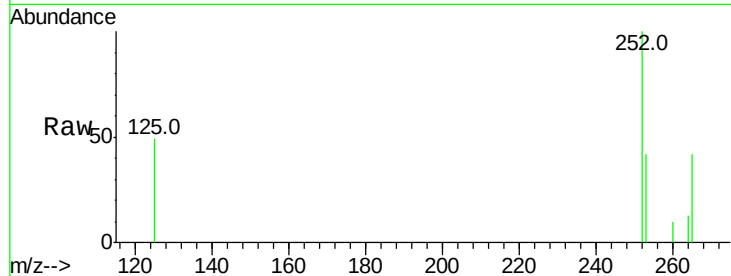
#21
Benzo(b)fluoranthene
Concen: 0.063 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

Instrument :
BNA_E
ClientSampled :
C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	41.9	0.0	64.2
125	48.5	0.0	35.0#

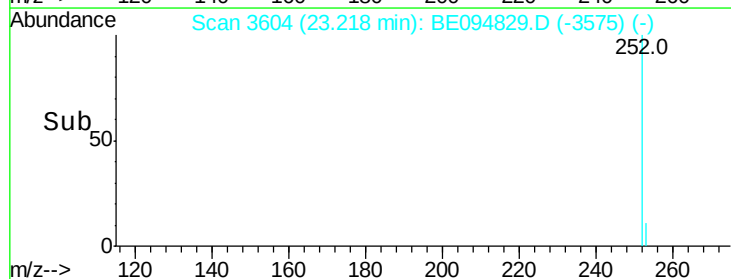
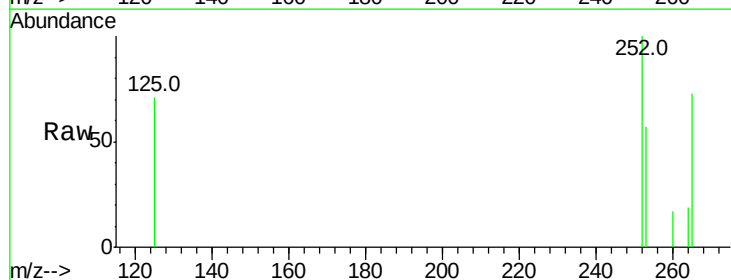
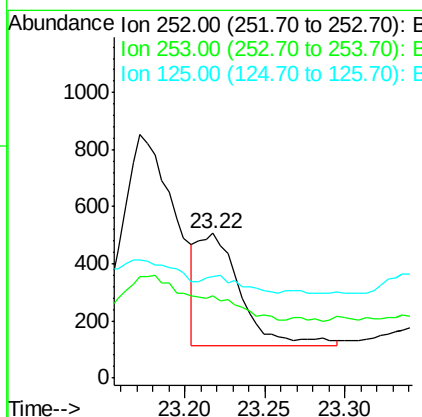
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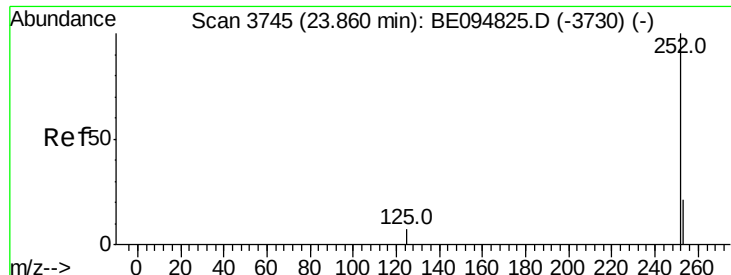
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#22
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.02 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	56.9	24.5	36.7#
125	70.6	13.7	20.5#





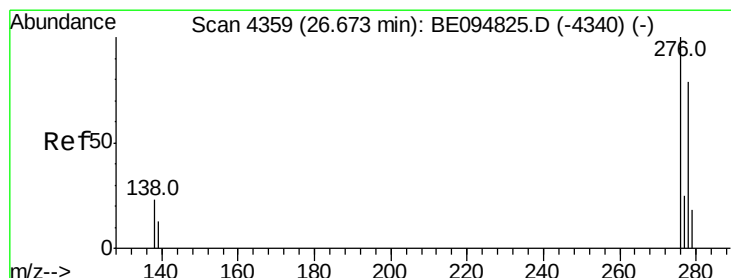
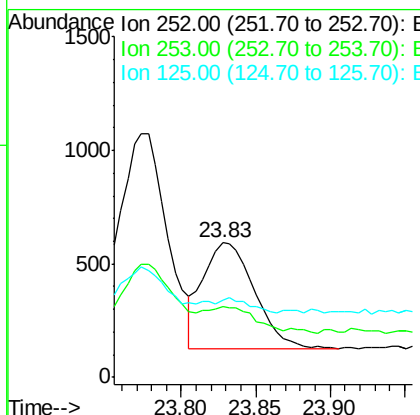
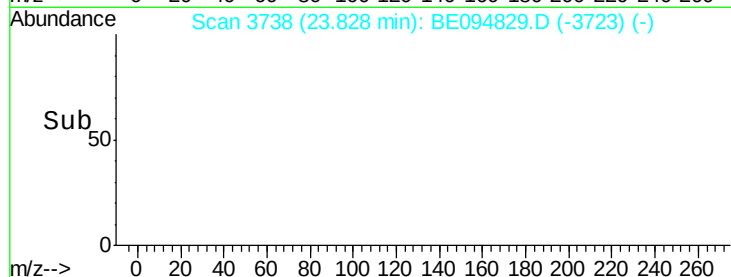
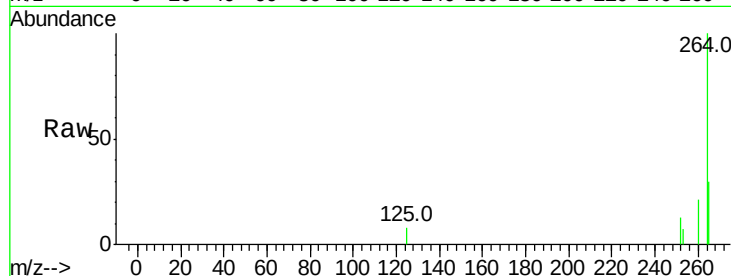
#23
Benzo(a)pyrene
Concen: 0.041 ng/ul
RT: 23.83 min Scan# 3738
Delta R.T. -0.03 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

Instrument :
BNA_E
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	52.8	28.5	42.7#
125	57.8	18.1	27.1#

Manual Integrations
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.68 min Scan# 4361
Delta R.T. 0.01 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	28.0	42.0#
227	0.0	8.0	12.0#

