

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094278.D
 Acq On : 11 Oct 2017 13:08
 Operator : SJ/JU
 Sample : I5522-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:05:27 PM

Quant Time: Oct 12 07:29:18 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 07:23:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2067	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10848	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6324	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	13455	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	13634	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	13704m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4202	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10144	0.23	ng/ul	0.00
Target Compounds					Ovalue	
12) Phenanthrene	17.29	178	2075	0.059	ng/ul	97
15) Fluoranthene	19.30	202	5916	0.128	ng/ul	85
17) Pyrene	19.66	202	6112	0.161	ng/ul#	87
18) Benzo(a)anthracene	21.39	228	5253	0.145	ng/ul#	88
19) Chrysene	21.44	228	6502	0.156	ng/ul	93
21) Benzo(b)fluoranthene	23.15	252	11503	0.309	ng/ul	93
22) Benzo(k)fluoranthene	23.19	252	4382m	0.102	ng/ul	
23) Benzo(a)pyrene	23.80	252	8525m	0.220	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	6131m	0.155	ng/ul	
25) Dibenzo(a,h)anthracene	26.58	278	1894m	0.057	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	5125m	0.150	ng/ul	

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

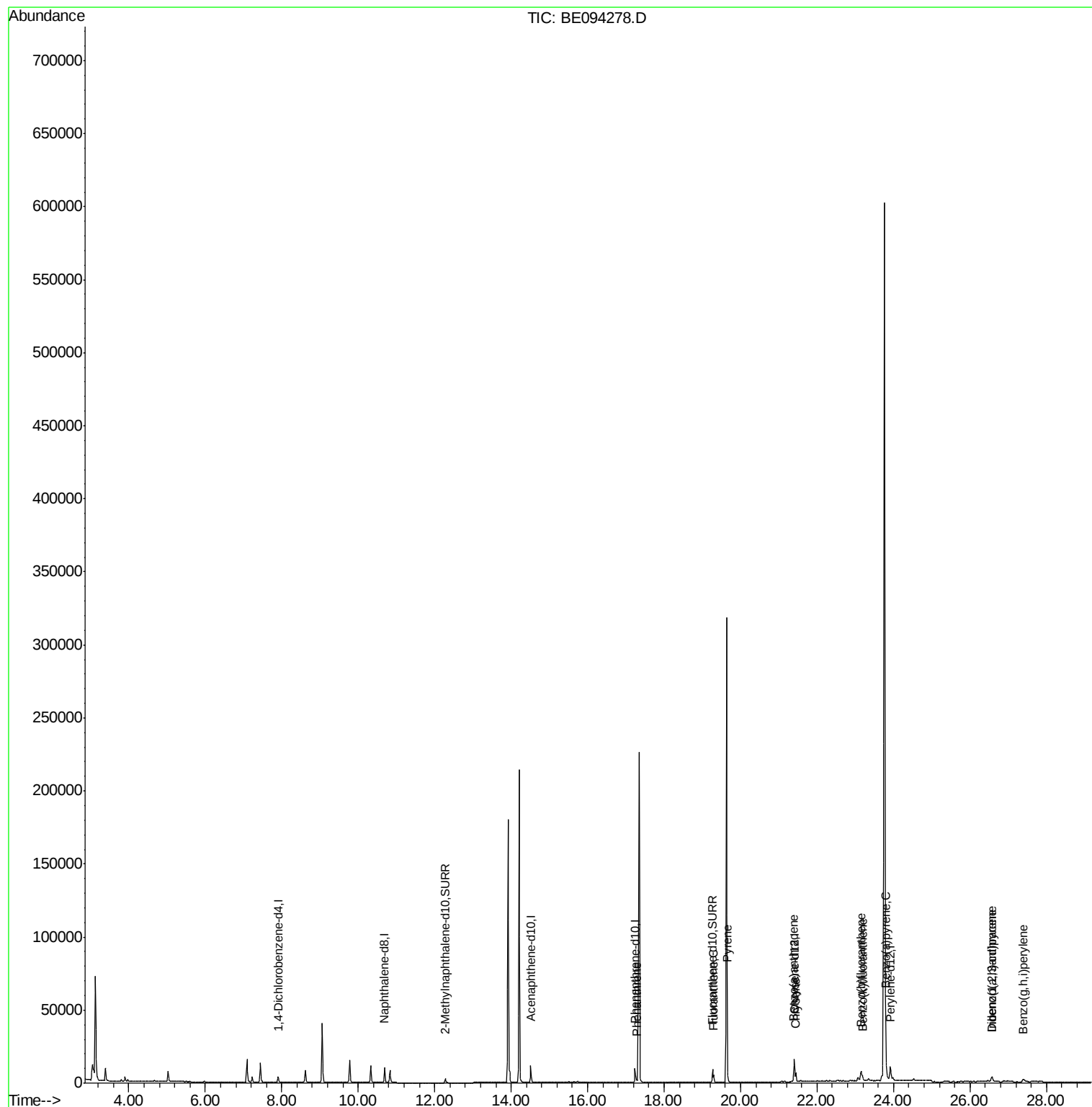
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094278.D
Acq On : 11 Oct 2017 13:08
Operator : SJ/JU
Sample : I5522-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

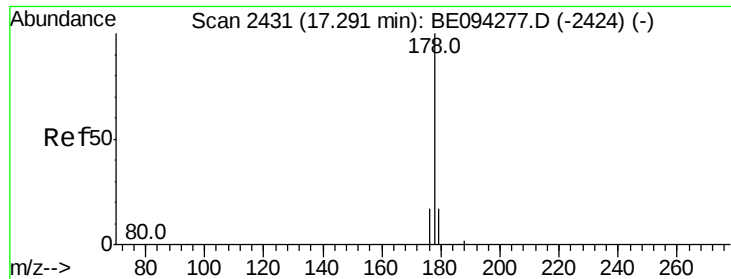
Instrument :
BNA_E
ClientSampleId :
C0AD9

Manual Integrations
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10/13/2017 12:05:27 PM

Quant Time: Oct 12 07:29:18 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 07:23:36 2017
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.059 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094278.D

Acq: 11 Oct 2017 13:08

Instrument :

BNA_E

ClientSampled :

C0AD9

Tot Ion:178 Resp: 2075

Ion Ratio Lower Upper

178 100

179 23.5 18.4 27.6

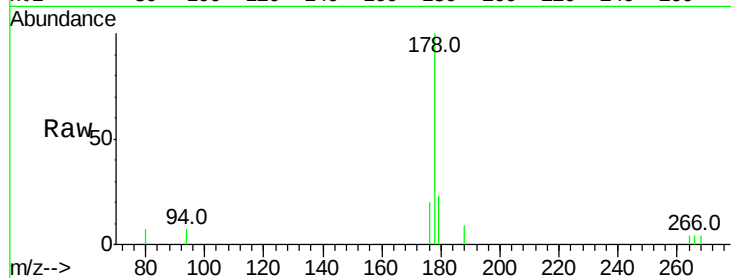
176 19.8 13.6 20.4

Manual Integrations

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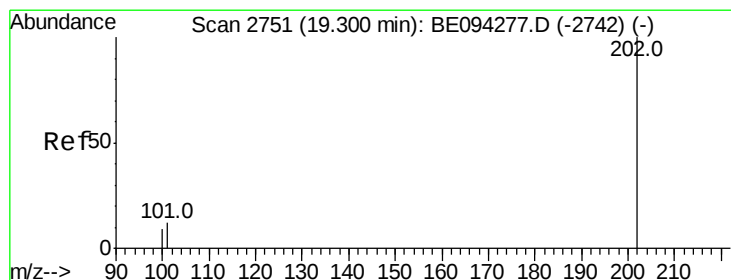
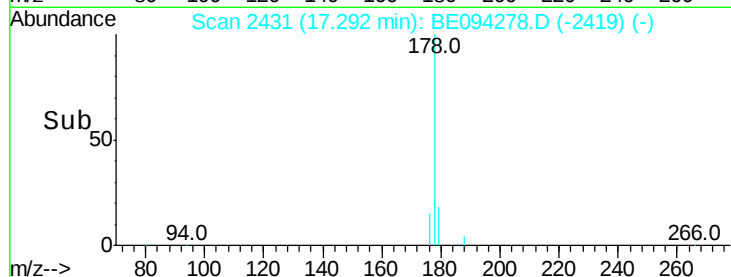
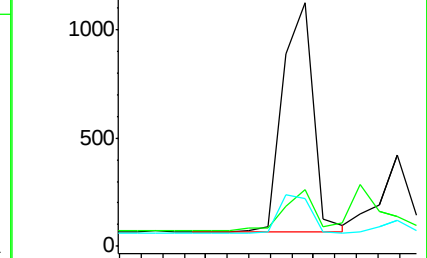
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.128 ng/ul

RT: 19.30 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BE094278.D

Acq: 11 Oct 2017 13:08

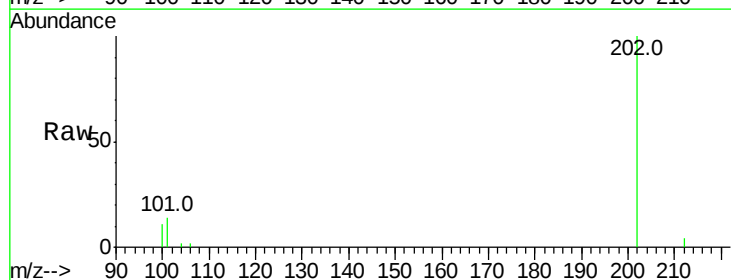
Tgt Ion:202 Resp: 5916

Ion Ratio Lower Upper

202 100

101 14.0 0.0 30.3

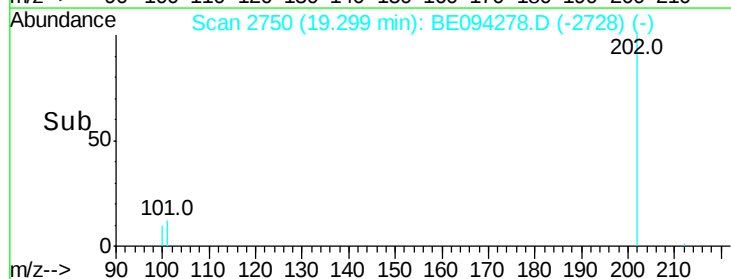
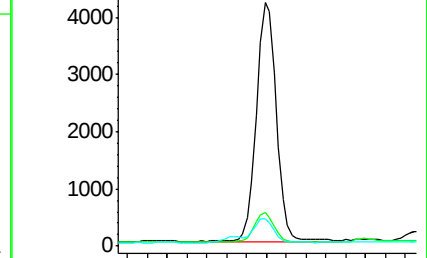
100 11.2 0.0 39.5

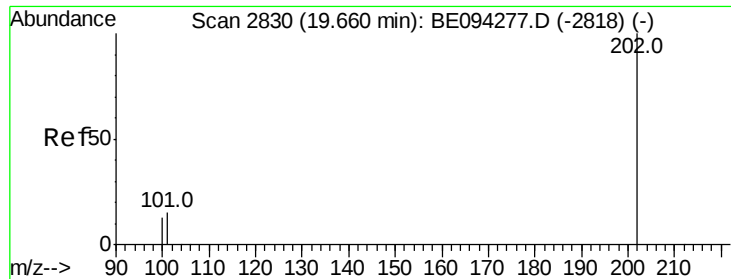


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





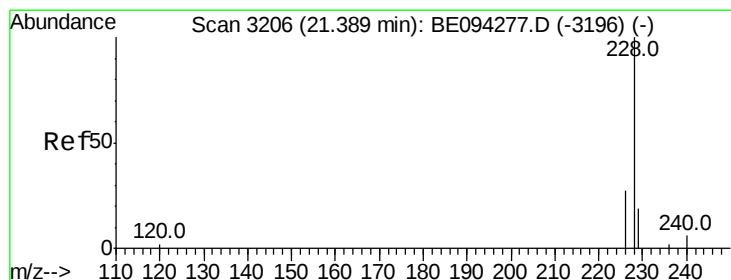
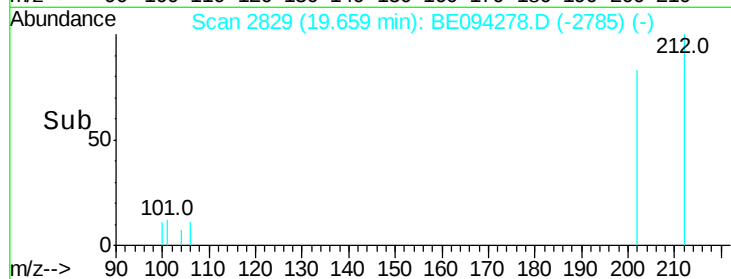
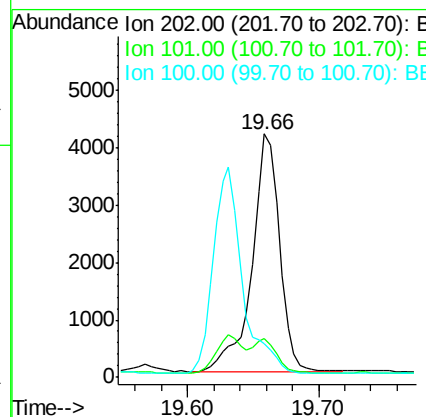
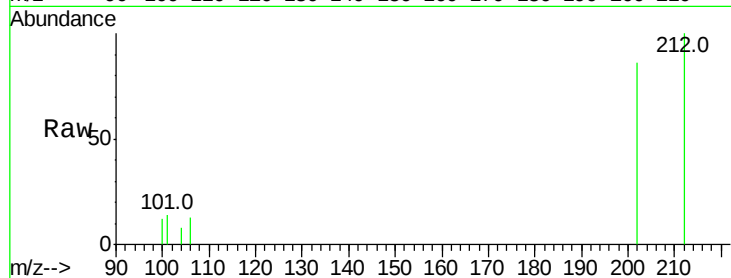
#17
Pvrene
Concen: 0.161 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BE094278.D
Acq: 11 Oct 2017 13:08

Instrument :
BNA_E
ClientSampled :
C0AD9

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	18.2	27.4#
100	14.1	15.6	23.4#

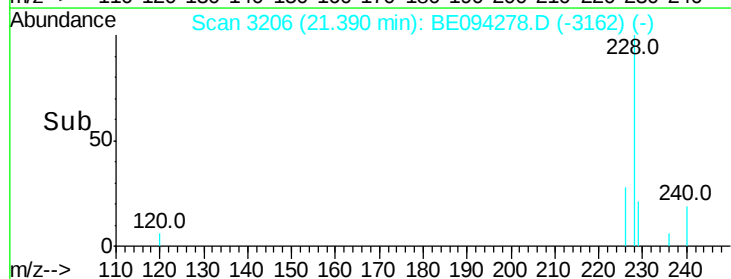
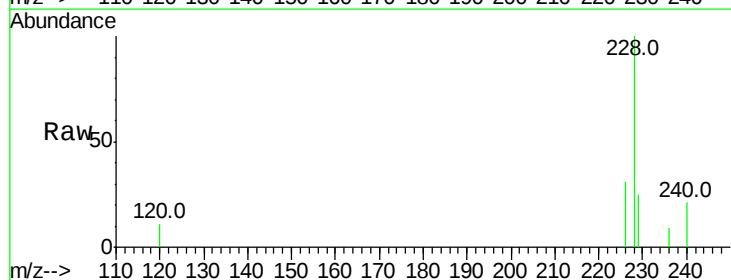
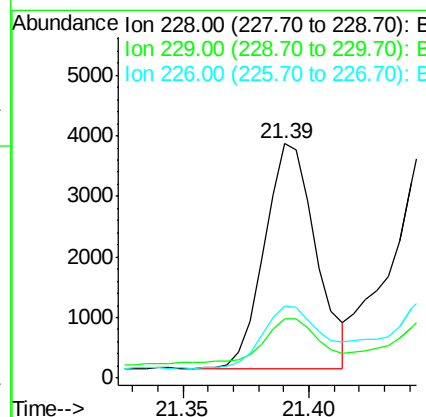
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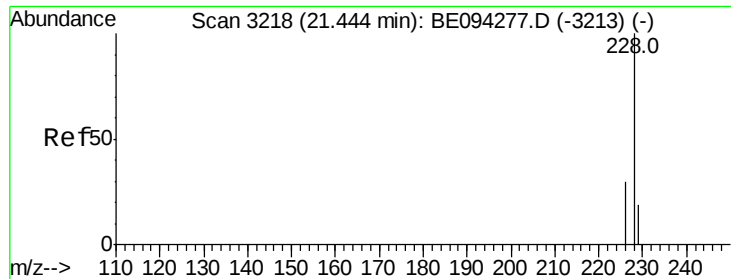
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#18
Benzo(a)anthracene
Concen: 0.145 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. 0.00 min
Lab File: BE094278.D
Acq: 11 Oct 2017 13:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.3	22.8	34.2
226	30.6	17.0	25.6#





#19

Chrysene

Concen: 0.156 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BE094278.D

Acq: 11 Oct 2017 13:08

Instrument :

BNA_E

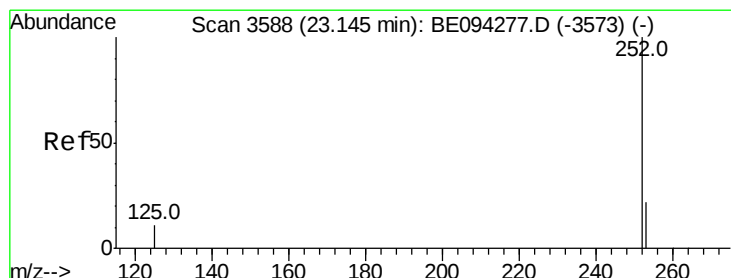
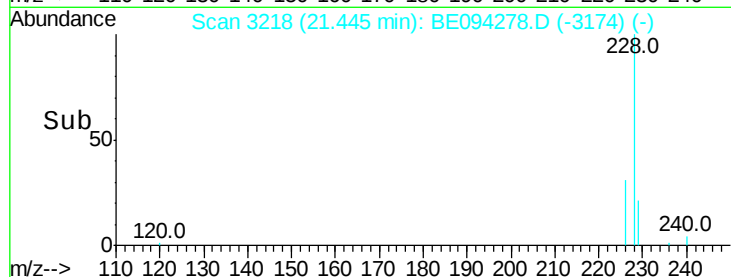
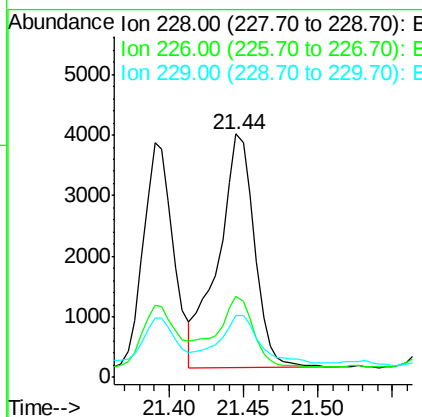
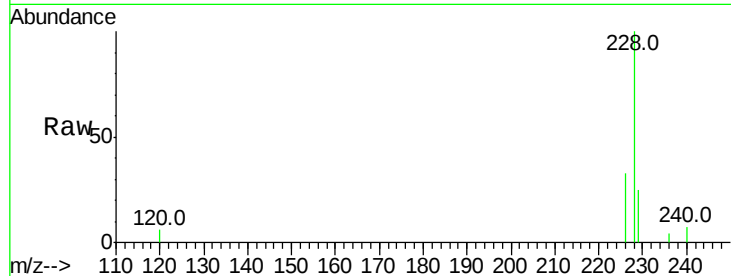
ClientSampled :

C0AD9

Tot Ion:228	Resp:	6502
Ion Ratio	Lower	Upper
228 100		
226 33.1	23.4	35.0
229 25.5	17.7	26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 0.309 ng/ul

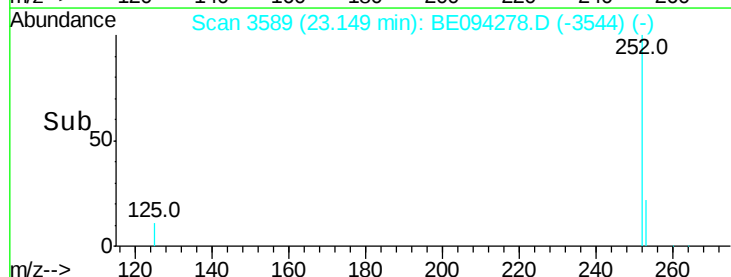
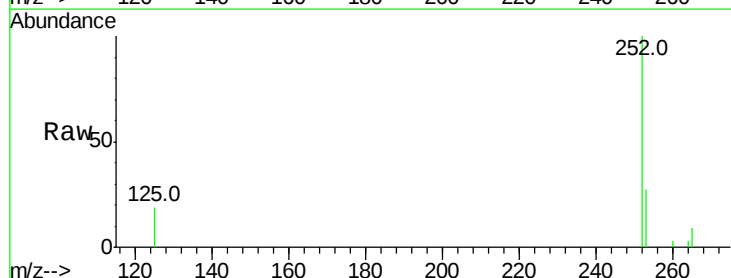
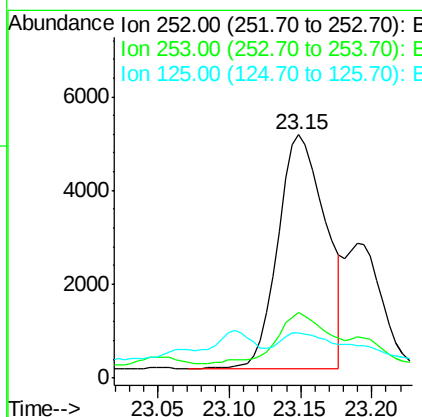
RT: 23.15 min Scan# 3589

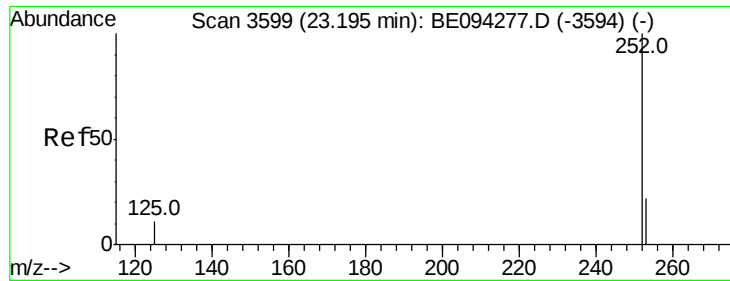
Delta R.T. 0.00 min

Lab File: BE094278.D

Acq: 11 Oct 2017 13:08

Tgt Ion:252	Resp:	11503
Ion Ratio	Lower	Upper
252 100		
253 26.8	0.0	64.2
125 18.8	0.0	35.0





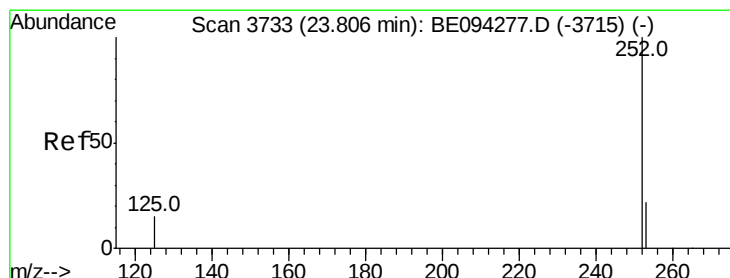
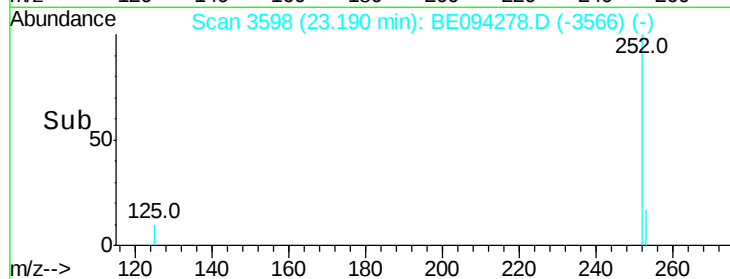
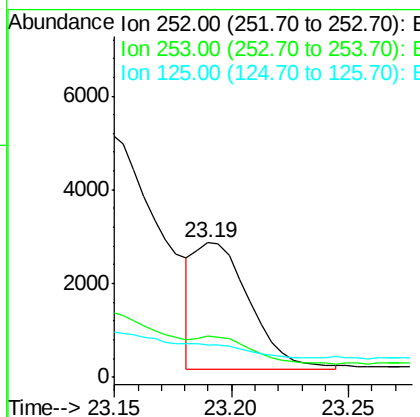
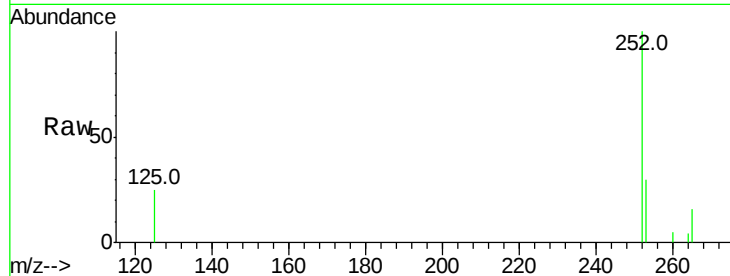
#22
Benzo(k)fluoranthene
Concen: 0.102 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.01 min
Lab File: BE094278.D
Acq: 11 Oct 2017 13:08

Instrument :
BNA_E
ClientSampleId :
C0AD9

Tot Ion:252 Resp: 4382
Ion Ratio Lower Upper
252 100
253 30.5 24.5 36.7
125 24.5 13.7 20.5#

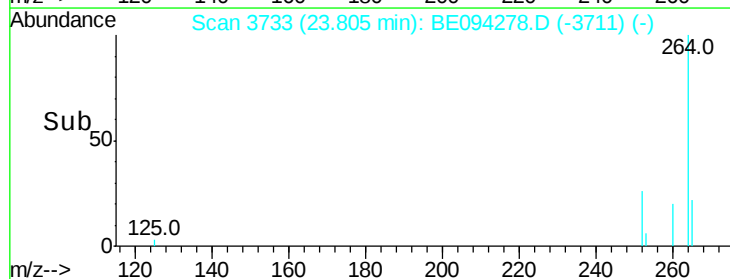
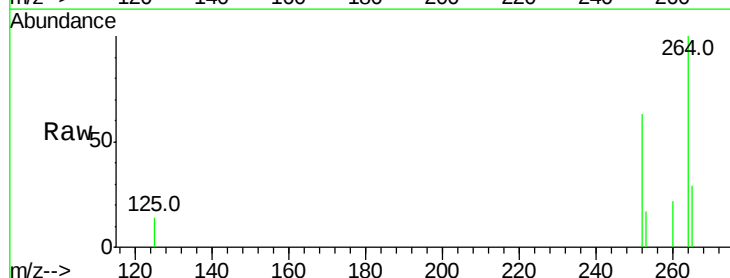
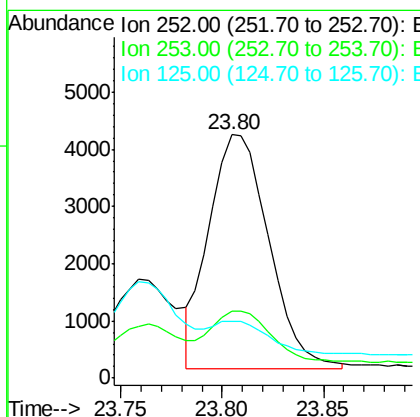
Manual Integrations
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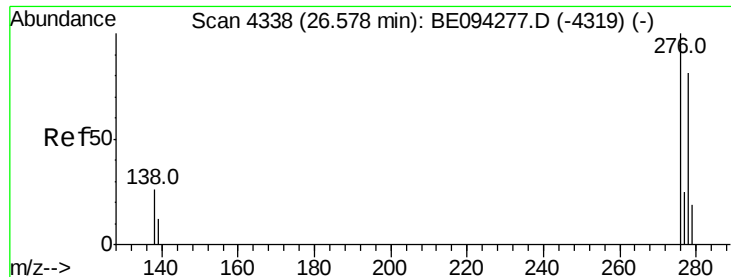
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#23
Benzo(a)pyrene
Concen: 0.220 ng/ul m
RT: 23.80 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE094278.D
Acq: 11 Oct 2017 13:08

Tgt Ion:252 Resp: 8525
Ion Ratio Lower Upper
252 100
253 27.6 28.5 42.7#
125 23.2 18.1 27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.155 ng/ul m

RT: 26.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BE094278.D

Acq: 11 Oct 2017 13:08

Instrument :

BNA_E

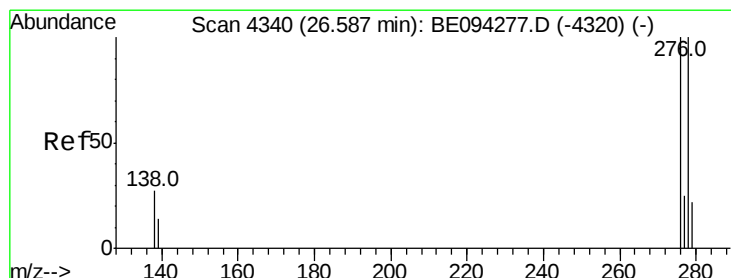
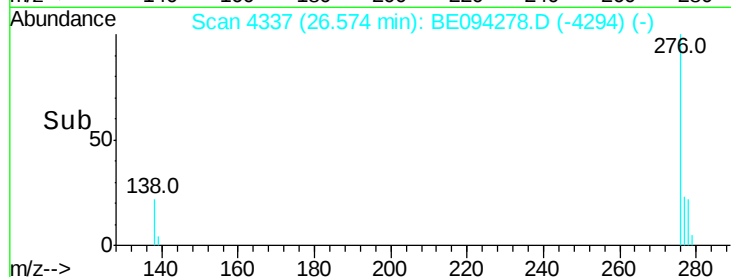
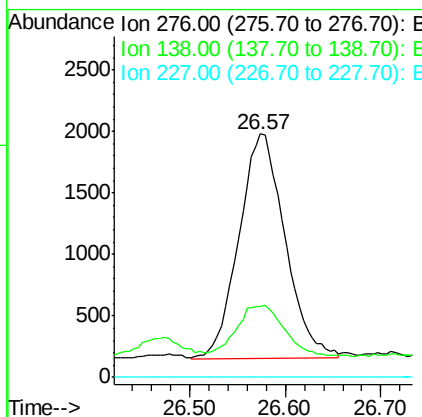
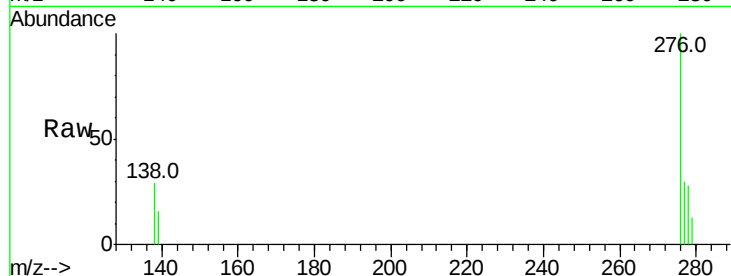
ClientSampleId :

C0AD9

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.7	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.057 ng/ul m

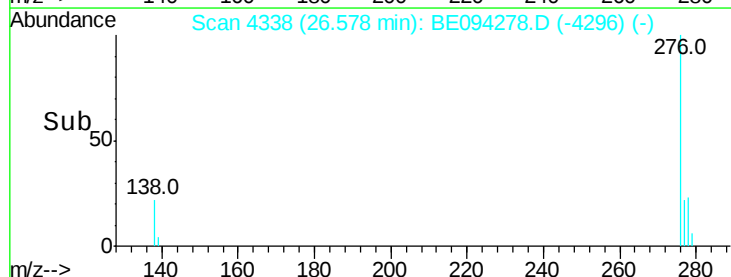
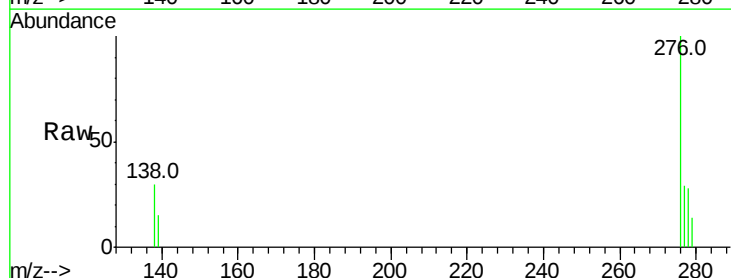
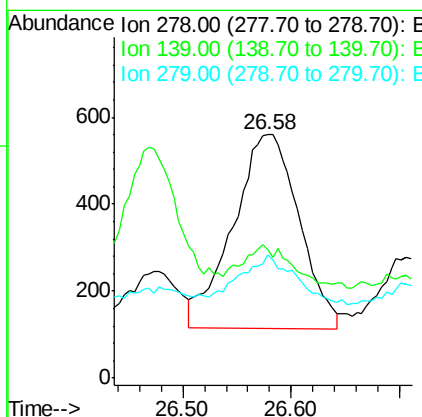
RT: 26.58 min Scan# 4338

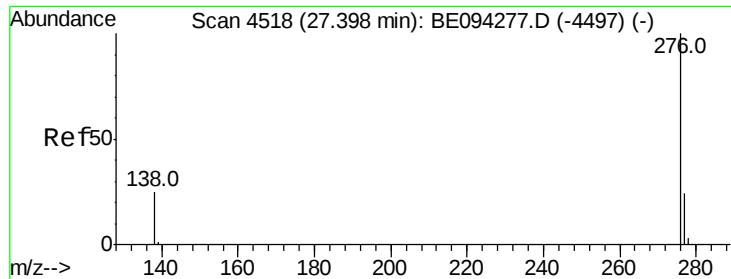
Delta R.T. -0.01 min

Lab File: BE094278.D

Acq: 11 Oct 2017 13:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	52.9	17.4	26.0#
279	50.5	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.150 ng/ul m

RT: 27.40 min Scan# 4519

Delta R.T. 0.01 min

Lab File: BE094278.D

Acq: 11 Oct 2017 13:08

Instrument :

BNA_E

ClientSampleId :

C0AD9

Tot Ion:	276	Resp:	5125
Ion Ratio	Lower	Upper	
276	100		
138	34.0	21.8	32.8#
277	32.2	20.5	30.7#

Manual Integrations
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