

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
 Data File : BE091277.D
 Acq On : 21 Nov 2015 14:51
 Operator : UM/NP
 Sample : G4346-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J72

Manual Integrations
 APPROVED

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 11/23/2015 2:14:24 PM

Quant Time: Nov 23 10:16:42 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 01:30:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3150	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.54	136	15143	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	8161	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.08	188	19053m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.23	240	22040	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	17669m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	16172	7.14	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.05	152	4160	0.20	ng/ul	-0.01
16) Fluoranthene-d10	18.06	212	12108	0.23	ng/ul	0.00
Target Compounds						
13) Pentachlorophenol	15.85	266	318	0.18	ng/ul	98
14) Phenanthrene	16.11	178	39623	0.18	ng/ul	99
17) Fluoranthene	18.09	202	113840m	0.44	ng/ul	
19) Pyrene	18.47	202	125000	0.50	ng/ul#	76
20) Benzo(a)anthracene	20.19	228	23946	0.42	ng/ul#	94
21) Chrysene	20.26	228	22083	0.34	ng/ul#	95
23) Benzo(b)fluoranthene	21.55	252	11639	0.21	ng/ul	97
24) Benzo(k)fluoranthene	21.58	252	15253m	0.27	ng/ul	
25) Benzo(a)pyrene	22.01	252	15225	0.30	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	23.70	276	22668	0.11	ng/ul	98
28) Benzo(g,h,i)perylene	24.26	276	25731m	0.11	ng/ul	

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

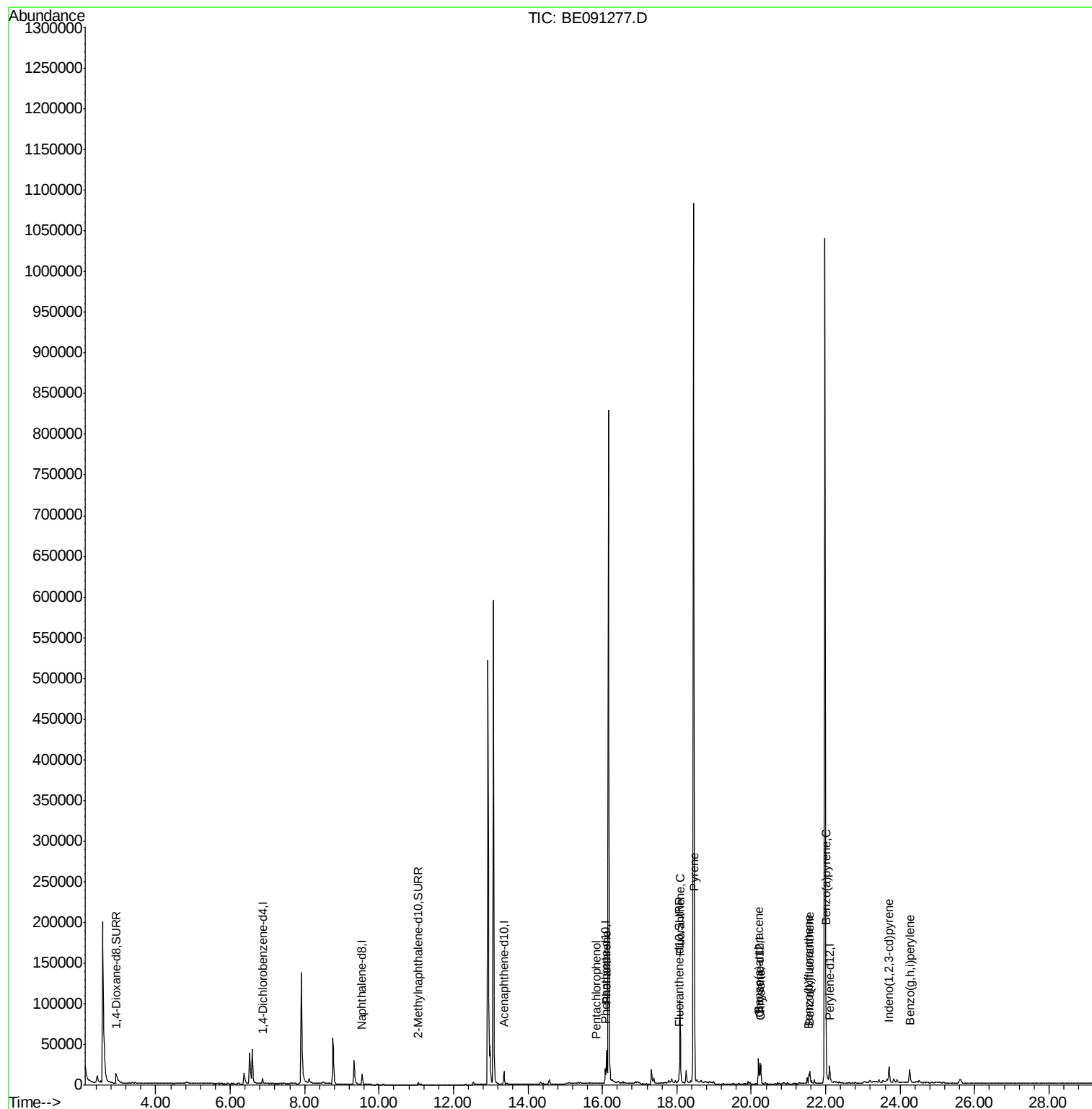
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091277.D
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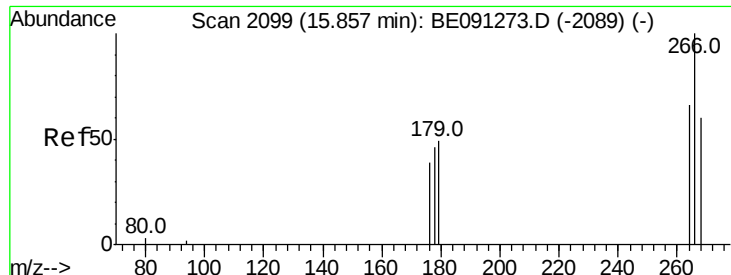
Instrument :
BNA_E
ClientSampleId :
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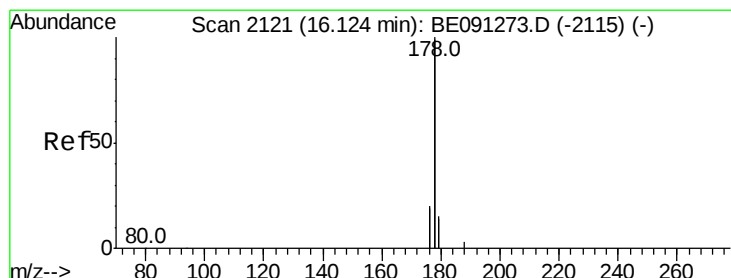
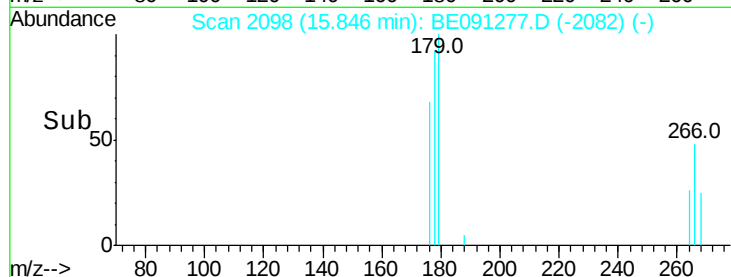
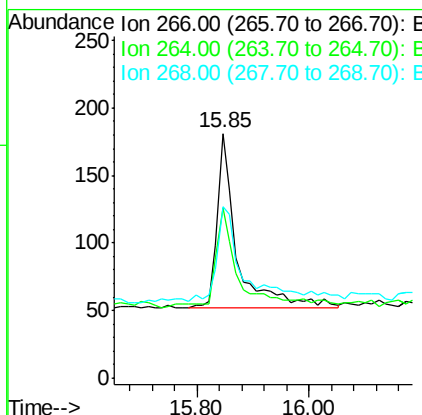
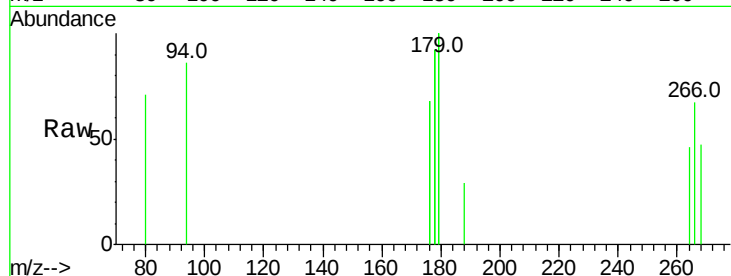
#13
 Pentachlorophenol
 Concen: 0.18 ng/ul
 RT: 15.85 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BE091277.D
 Acq: 21 Nov 2015 14:51

Instrument :
 BNA_E
 ClientSampleId :
 A4J72

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.4	53.5	80.3
268	66.7	54.2	81.2

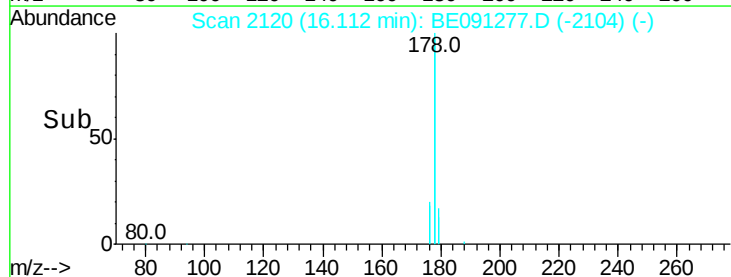
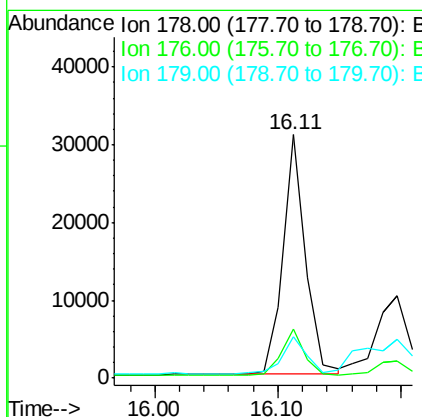
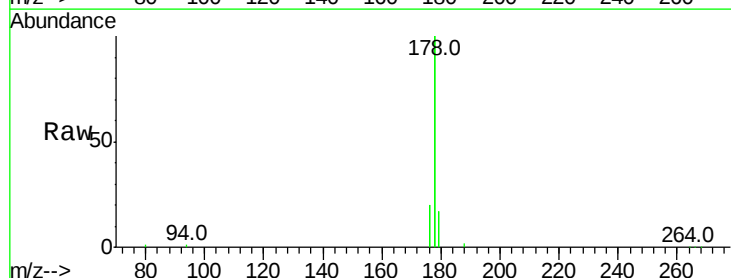
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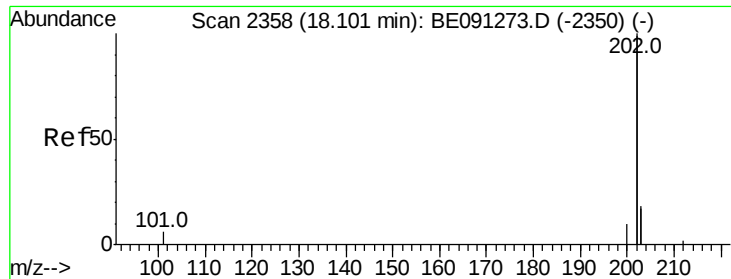
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#14
 Phenanthrene
 Concen: 0.18 ng/ul
 RT: 16.11 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE091277.D
 Acq: 21 Nov 2015 14:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.8	12.8	19.2





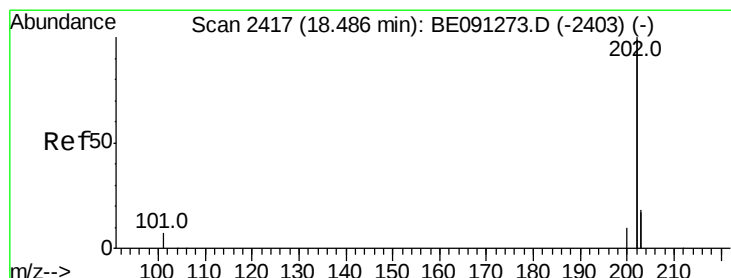
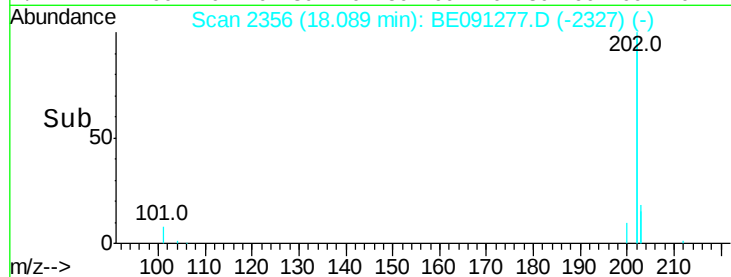
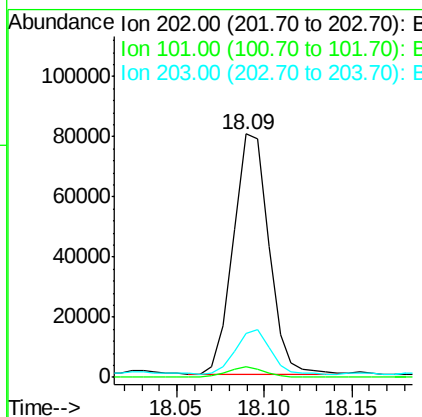
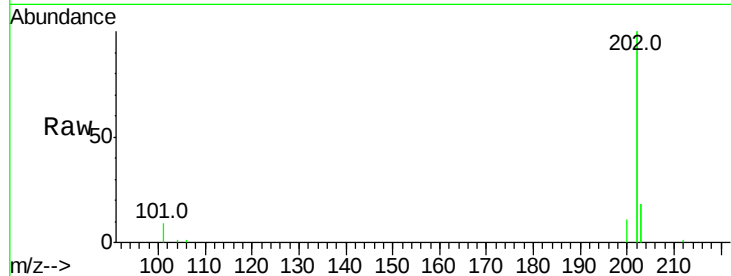
#17
Fluoranthene
 Concen: 0.44 ng/ul m
 RT: 18.09 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BE091277.D
 Acq: 21 Nov 2015 14:51

Instrument :
 BNA_E
 ClientSampleId :
 A4J72

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	0.0	33.1
203	18.0	0.0	37.2

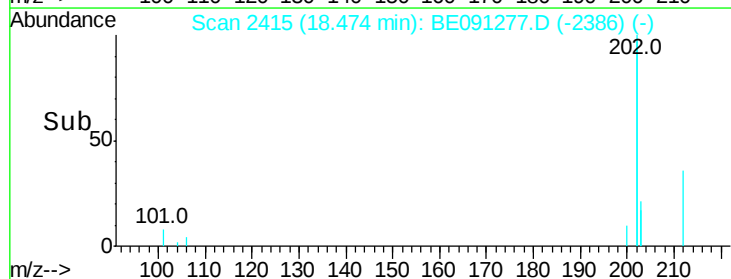
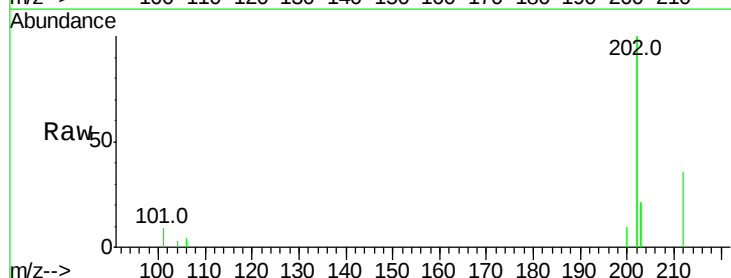
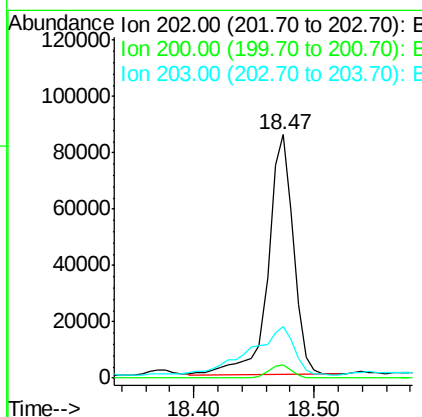
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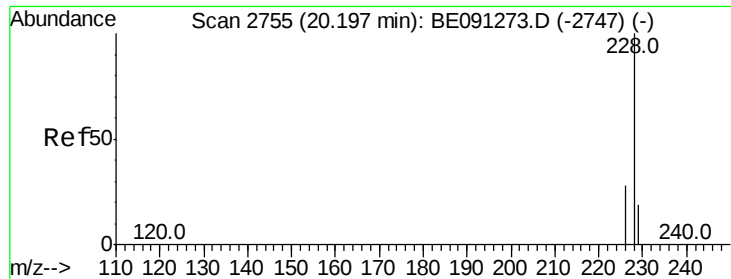
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#19
Pyrene
 Concen: 0.50 ng/ul
 RT: 18.47 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BE091277.D
 Acq: 21 Nov 2015 14:51

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	5.2	18.0	27.0#
203	21.0	13.8	20.6#





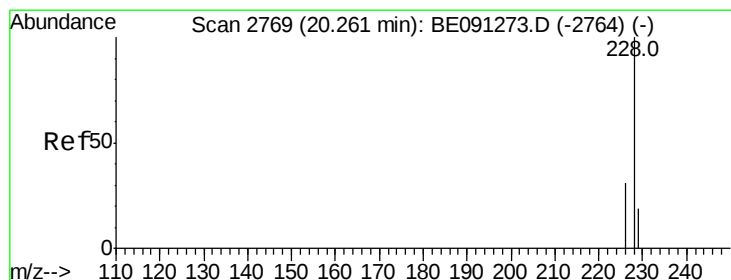
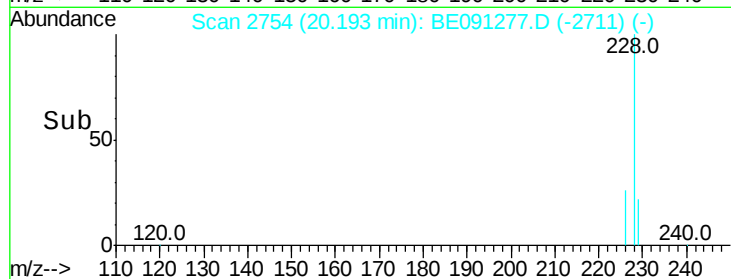
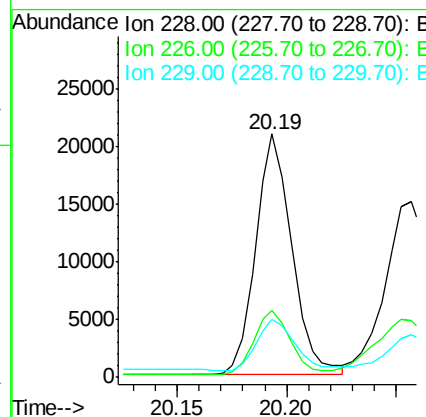
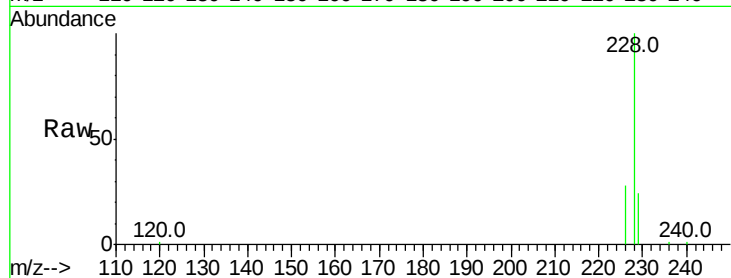
#20
Benzo(a)anthracene
Concen: 0.42 ng/ul
RT: 20.19 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE091277.D
Acq: 21 Nov 2015 14:51

Instrument :
BNA_E
ClientSampleId :
A4J72

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	24.0	15.2	22.8#

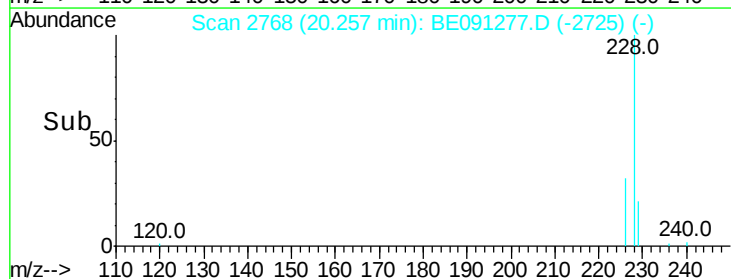
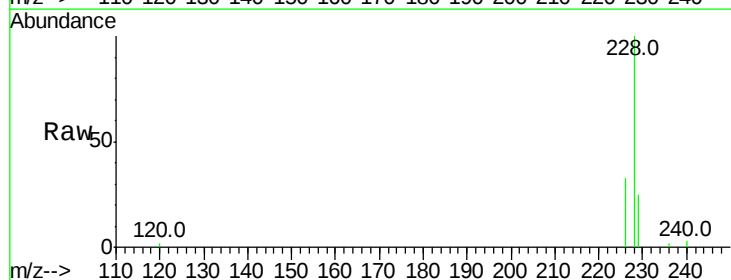
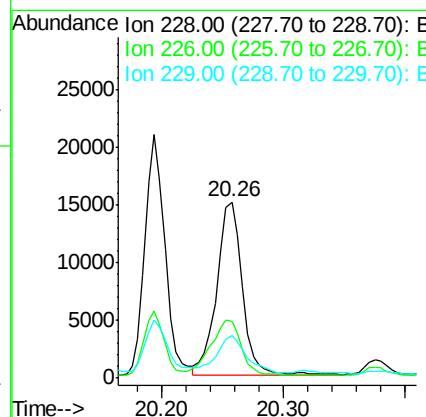
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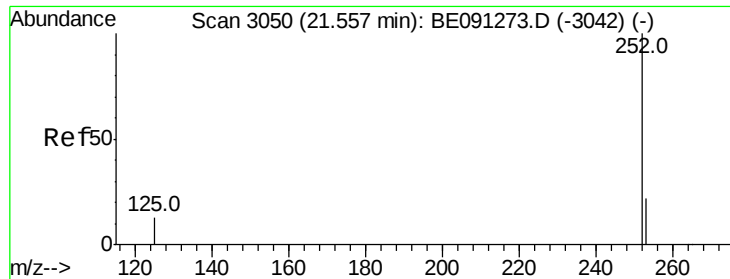
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#21
Chrysene
Concen: 0.34 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091277.D
Acq: 21 Nov 2015 14:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.7	38.5
229	24.5	15.2	22.8#





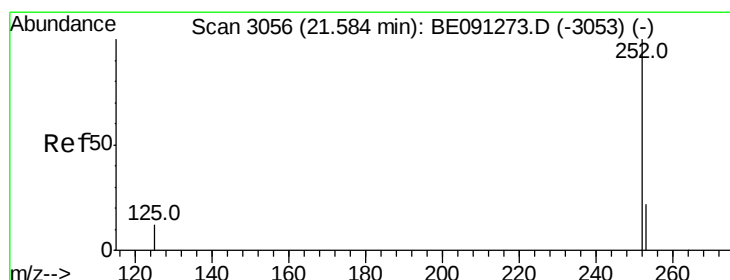
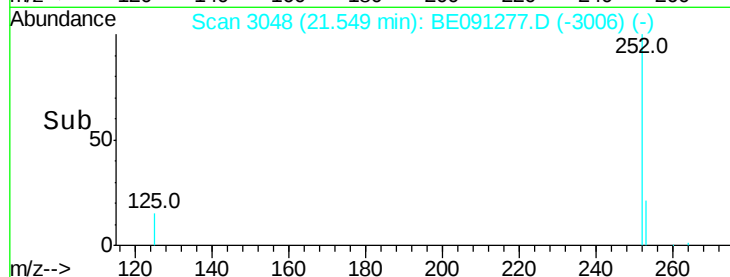
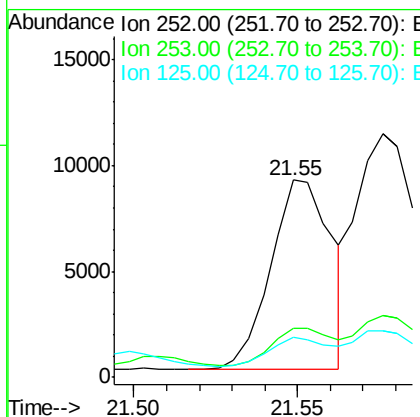
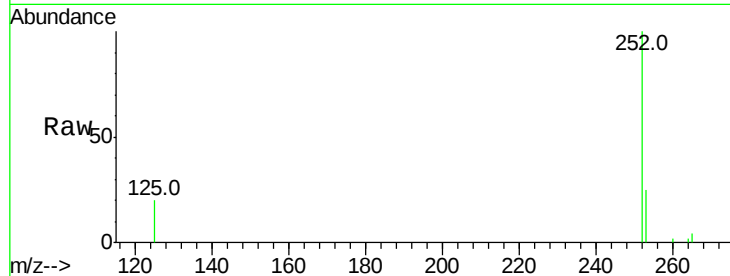
#23
Benzo(b)fluoranthene
Concen: 0.21 ng/u1
RT: 21.55 min Scan# 3048
Delta R.T. -0.01 min
Lab File: BE091277.D
Acq: 21 Nov 2015 14:51

Instrument :
BNA_E
ClientSampleId :
A4J72

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	48.0
125	20.4	0.0	36.6

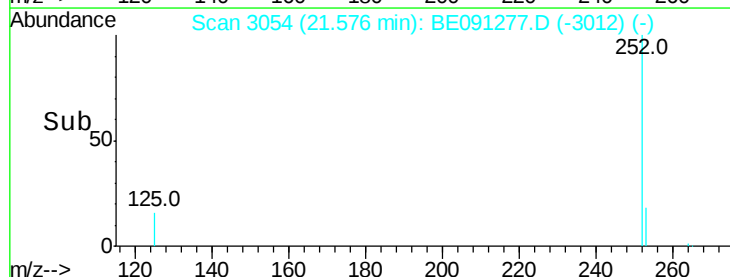
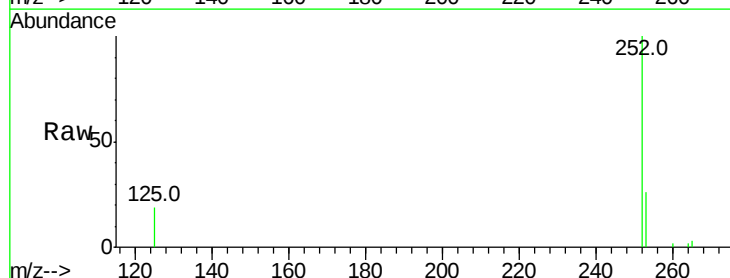
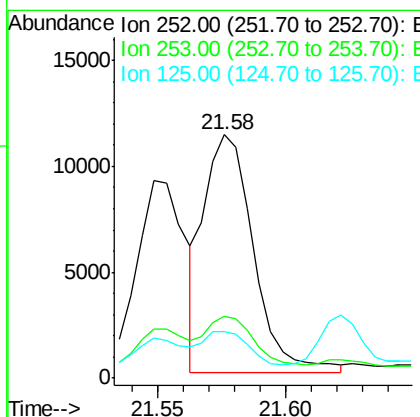
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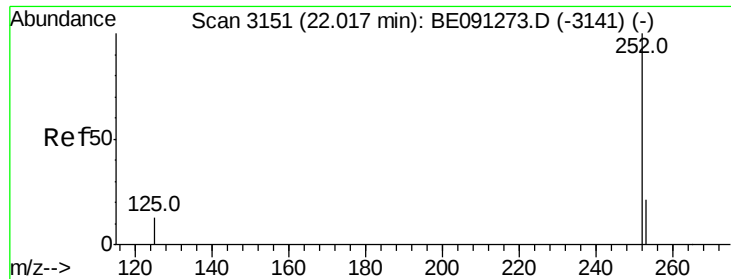
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#24
Benzo(k)fluoranthene
Concen: 0.27 ng/u1 m
RT: 21.58 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BE091277.D
Acq: 21 Nov 2015 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.8	31.2
125	19.3	12.2	18.4#





#25

Benzo(a)pyrene

Concen: 0.30 ng/ul

RT: 22.01 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BE091277.D

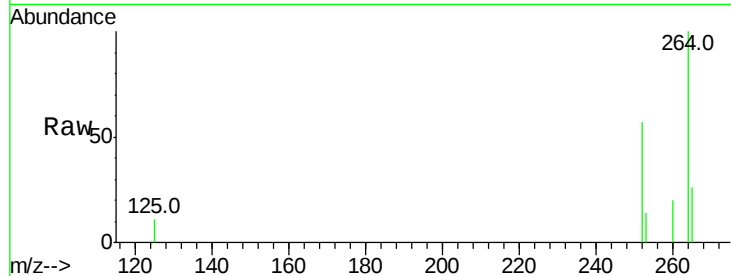
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Instrument :

BNA_E

ClientSampleId :

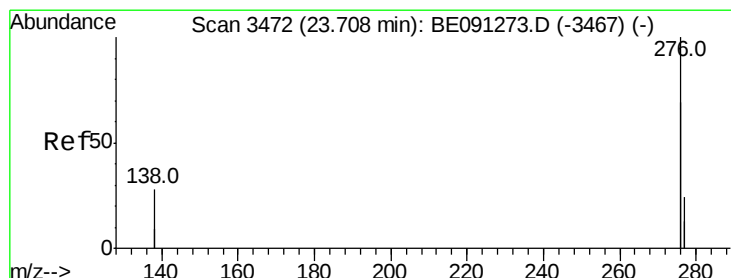
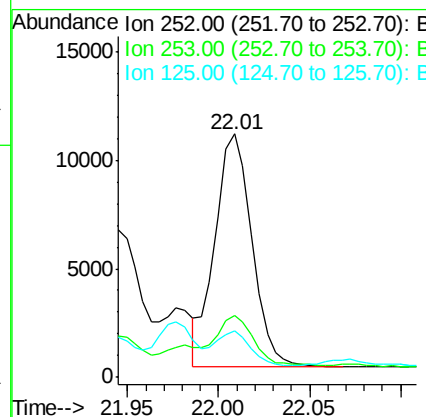
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Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.8	32.8
125	19.1	14.5	21.7

Manual Integrations
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#26

Indeno(1,2,3-cd)pyrene

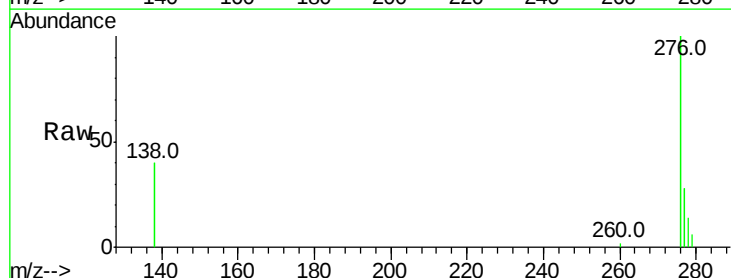
Concen: 0.11 ng/ul

RT: 23.70 min Scan# 3471

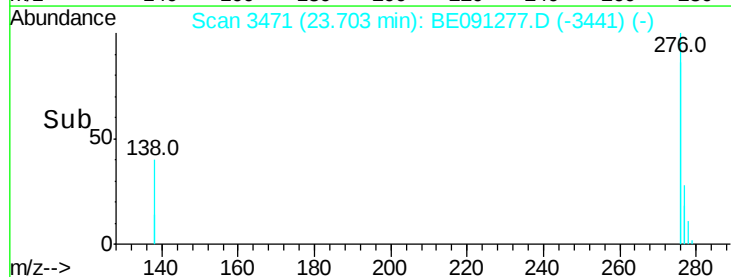
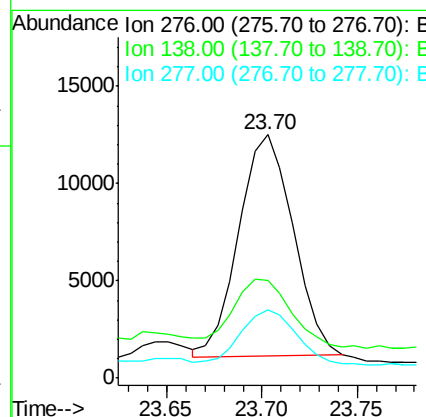
Delta R.T. -0.01 min

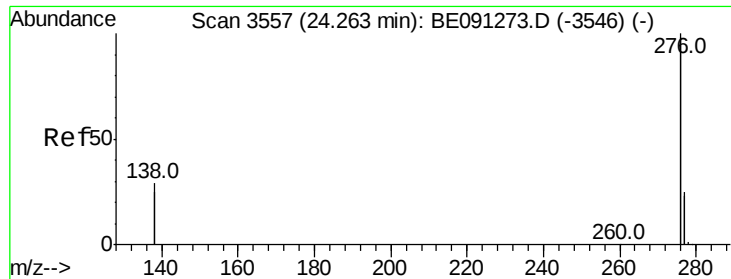
Lab File: BE091277.D

Acq: 21 Nov 2015 14:51



Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.5	27.5	41.3
277	24.4	19.3	28.9





#28

Benzo(a,h,i)perylene

Concen: 0.11 ng/ul m

RT: 24.26 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BE091277.D

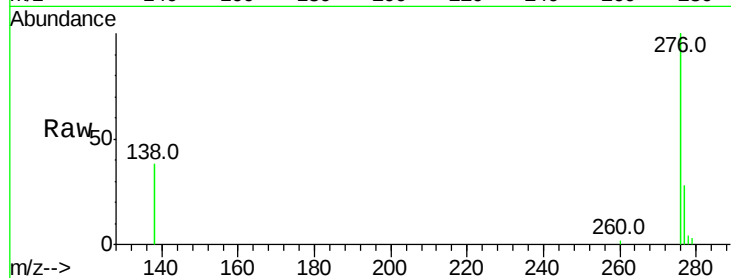
Acq: 21 Nov 2015 14:51

Instrument :

BNA_E

ClientSampleId :

A4J72



Tot Ion	Ratio	Lower	Upper
276	100		
277	28.1	21.3	31.9
138	38.5	25.5	38.3

Manual Integrations
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