

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
 Data File : BE091270.D
 Acq On : 21 Nov 2015 10:26
 Operator : UM/NP
 Sample : G4310-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 D9KM9

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 2:14:15 PM

Quant Time: Nov 22 01:22:59 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 00:42:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3160	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.54	136	16063	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	8562	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.08	188	19517m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	23589	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	16983m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	24684	10.86	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.04	152	7832	0.36	ng/ul	-0.02
16) Fluoranthene-d10	18.07	212	20907	0.38	ng/ul	0.00
Target Compounds						
5) Naphthalene	9.58	128	2398	0.06	ng/ul#	83
13) Pentachlorophenol	15.84	266	250	0.13	ng/ul	99
14) Phenanthrene	16.11	178	15330	0.07	ng/ul	95
17) Fluoranthene	18.10	202	23505	0.09	ng/ul	86
20) Benzo(a)anthracene	20.20	228	2629	0.04	ng/ul#	90
21) Chrysene	20.26	228	4661	0.07	ng/ul#	94

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

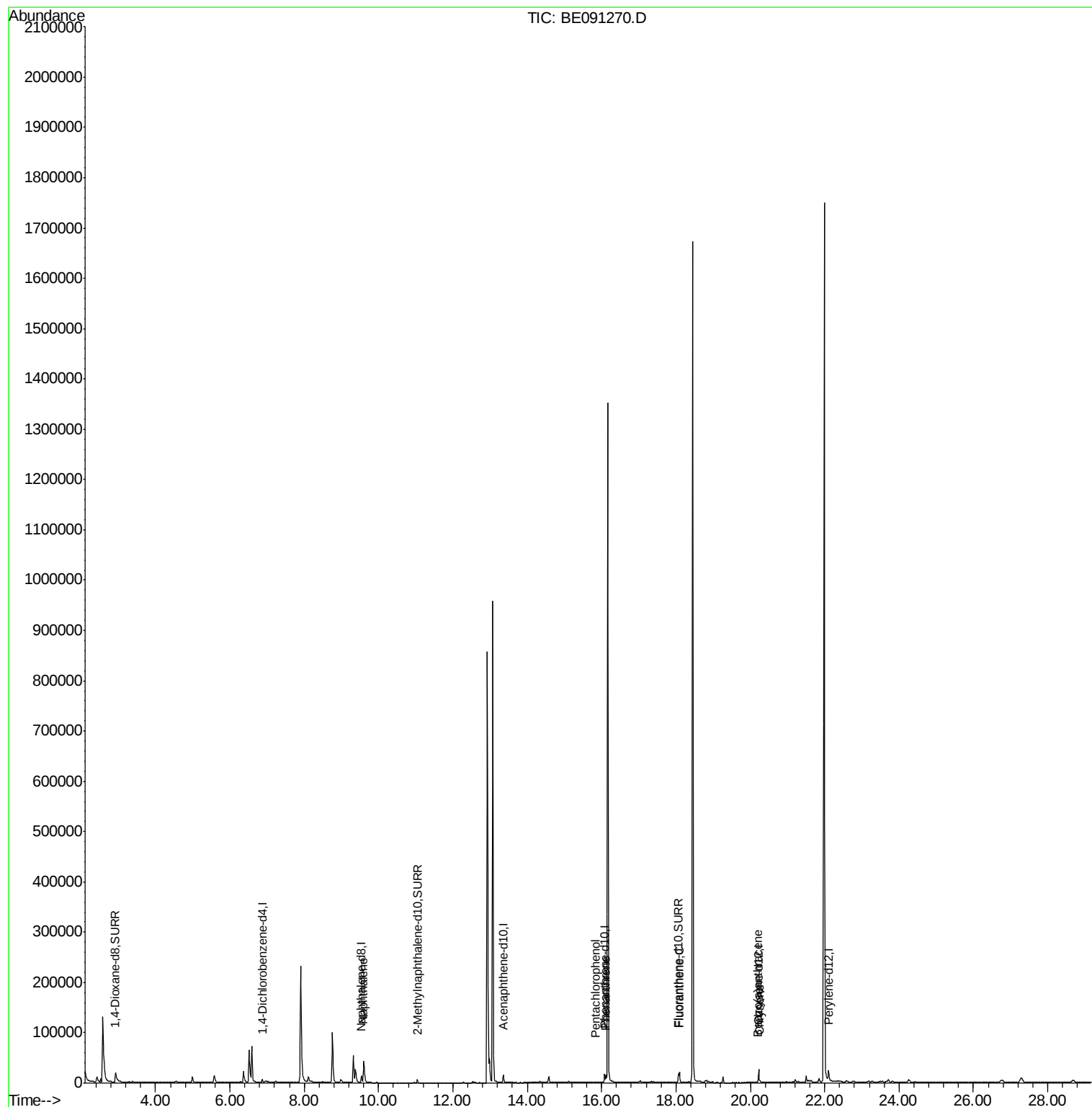
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091270.D
Acq On : 21 Nov 2015 10:26
Operator : UM/NP
Sample : G4310-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

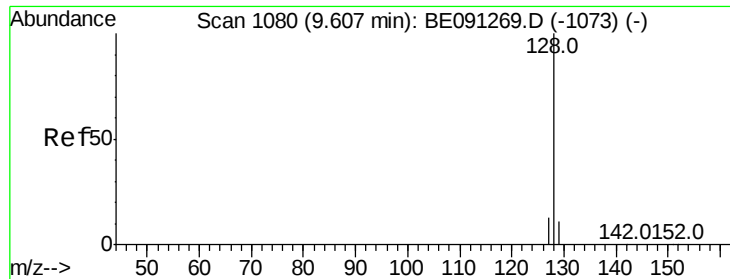
Instrument :
BNA_E
ClientSampleId :
D9KM9

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 2:14:15 PM

Quant Time: Nov 22 01:22:59 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 00:42:09 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.06 ng/ul

RT: 9.58 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BE091270.D

Acq: 21 Nov 2015 10:26

Instrument :

BNA_E

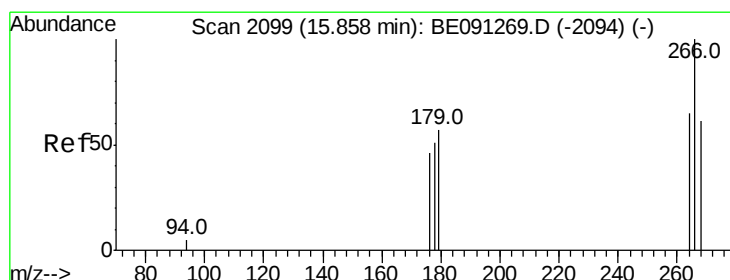
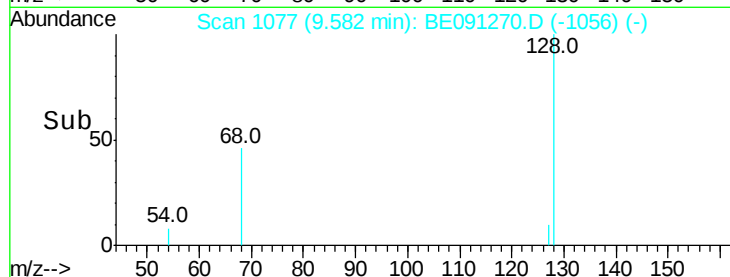
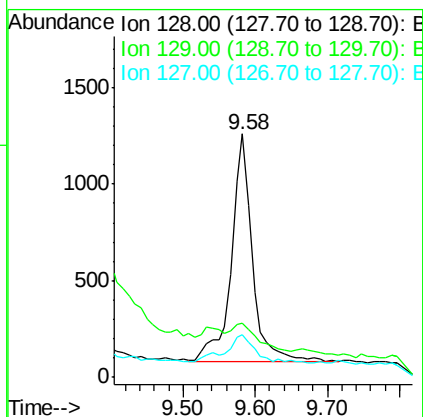
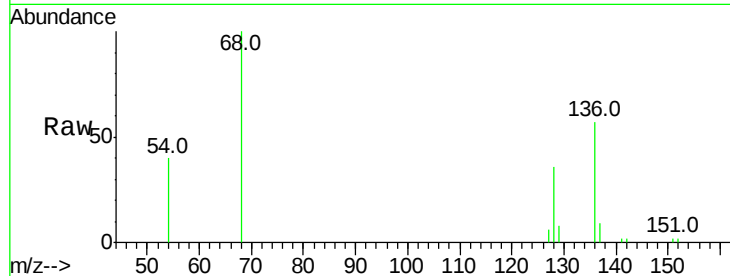
ClientSampleId :

D9KM9

Tot Ion:	128	Resp:	2398
Ion Ratio	Lower	Upper	
128	100		
129	22.1	9.8	14.8#
127	17.5	10.7	16.1#

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 2:14:15 PM



#13

Pentachlorophenol

Concen: 0.13 ng/ul

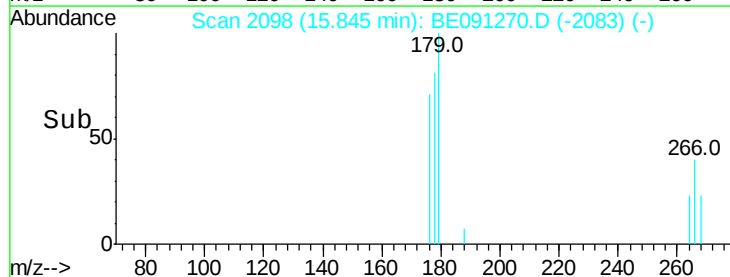
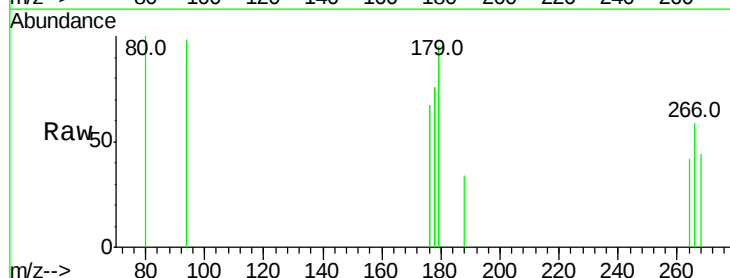
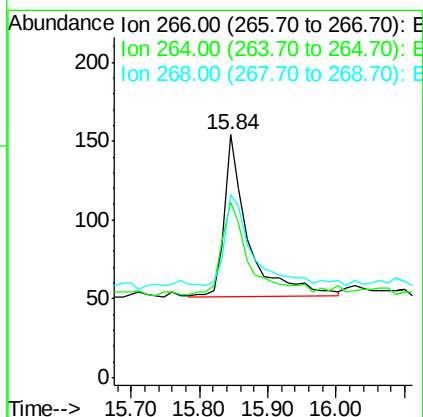
RT: 15.84 min Scan# 2098

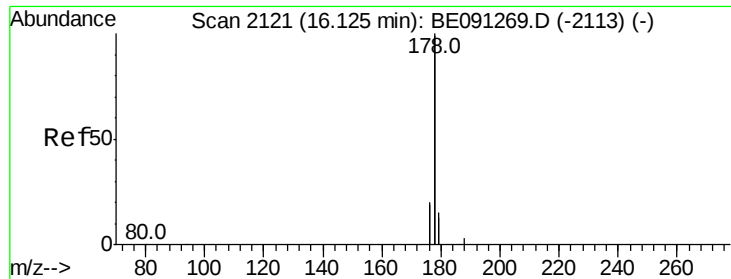
Delta R.T. -0.01 min

Lab File: BE091270.D

Acq: 21 Nov 2015 10:26

Tgt Ion:	266	Resp:	250
Ion Ratio	Lower	Upper	
266	100		
264	67.2	53.5	80.3
268	66.4	54.2	81.2





#14

Phenanthrene

Concen: 0.07 ng/ul

RT: 16.11 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE091270.D

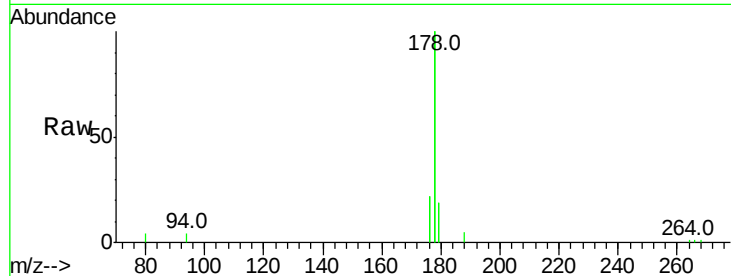
Acq: 21 Nov 2015 10:26

Instrument :

BNA_E

ClientSampleId :

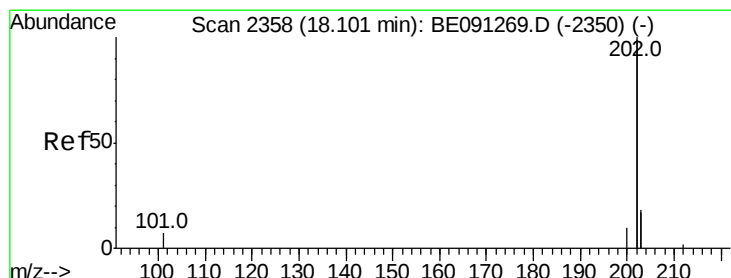
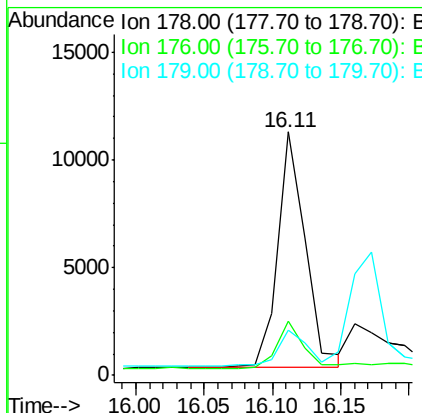
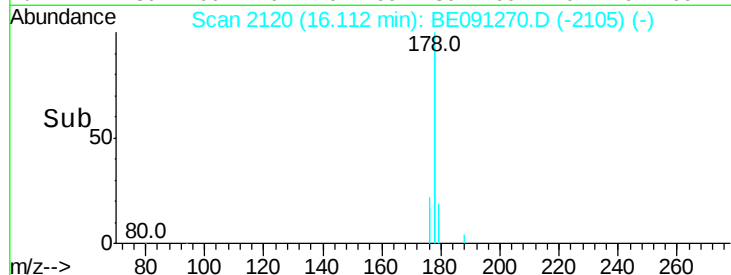
D9KM9



Tot Ion:	178	Resp:	15330
Ion Ratio	Lower	Upper	
178	100		
176	22.4	16.2	24.4
179	18.5	12.8	19.2

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 2:14:15 PM



#17

Fluoranthene

Concen: 0.09 ng/ul

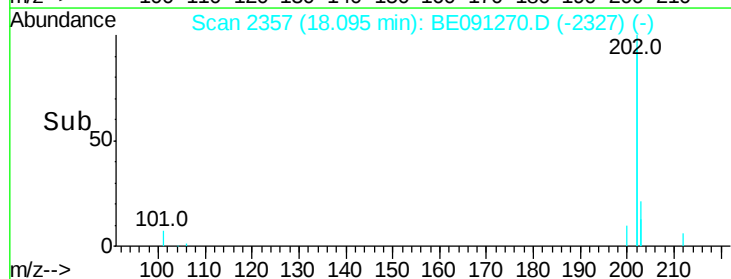
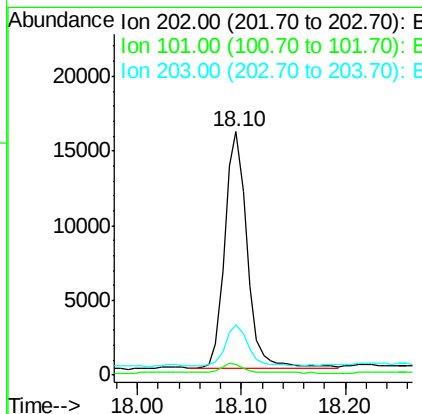
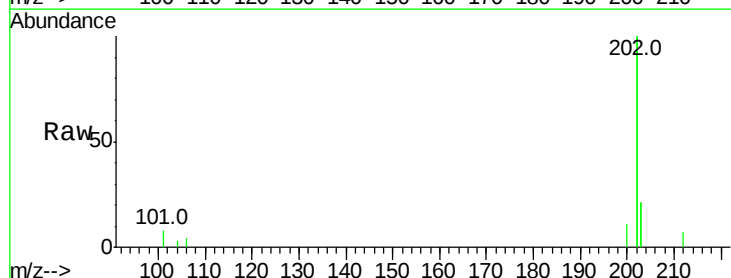
RT: 18.10 min Scan# 2357

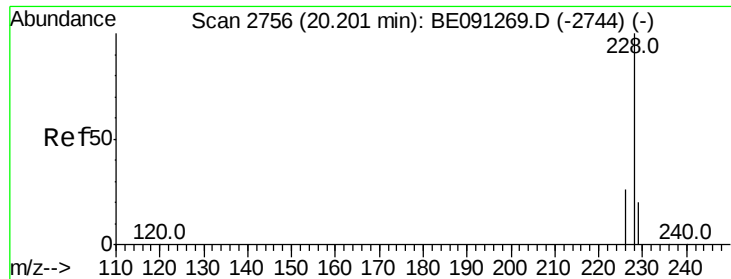
Delta R.T. -0.01 min

Lab File: BE091270.D

Acq: 21 Nov 2015 10:26

Tgt Ion:	202	Resp:	23505
Ion Ratio	Lower	Upper	
202	100		
101	4.2	0.0	33.1
203	20.7	0.0	37.2





#20

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 20.20 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE091270.D

Acq: 21 Nov 2015 10:26

Instrument :

BNA_E

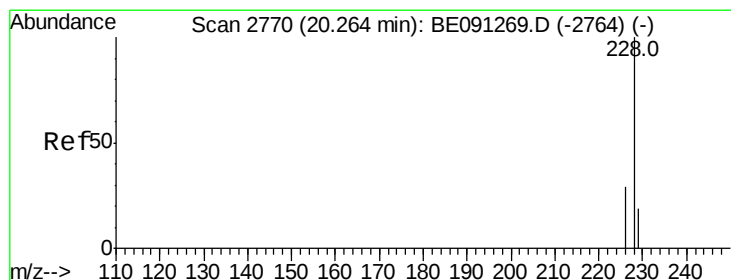
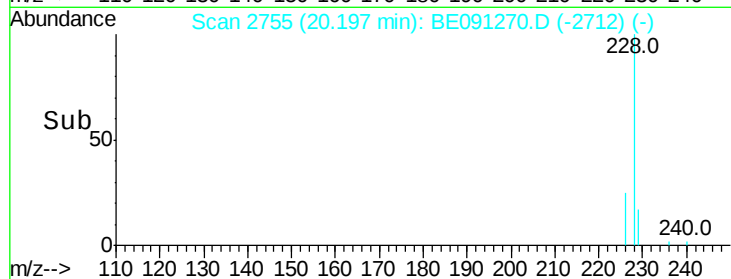
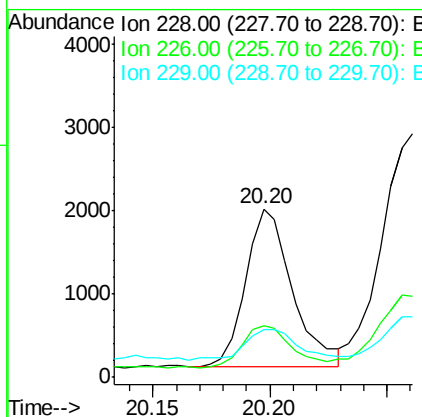
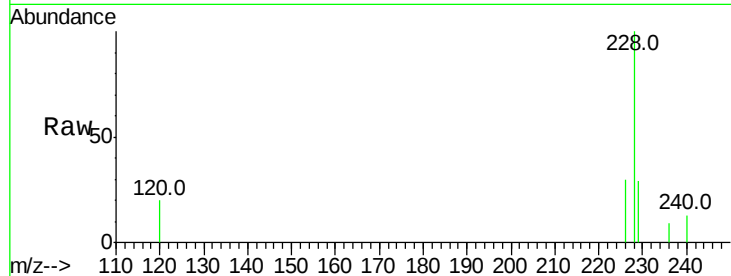
ClientSampleId :

D9KM9

Tot Ion:	228	Resp:	2629
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.0	34.4
229	28.6	15.2	22.8#

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 2:14:15 PM



#21

Chrysene

Concen: 0.07 ng/ul

RT: 20.26 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BE091270.D

Acq: 21 Nov 2015 10:26

Tgt Ion:	228	Resp:	4661
Ion Ratio	Lower	Upper	
228	100		
226	33.3	25.7	38.5
229	24.9	15.2	22.8#

