

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094844.D
 Acq On : 22 Nov 2017 22:29
 Operator : SJ/JU
 Sample : I6496-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB4

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:25:45 PM

Quant Time: Nov 23 03:10:15 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 02:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	749	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.68	136	5112	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3571	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8674	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8846	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9606	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1416	0.17	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	4894	0.16	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.73	128	326	0.027	ng/ul#	57
5) 2-Methylnaphthalene	12.36	142	280	0.033	ng/ul	97
12) Phenanthrene	17.27	178	2118m	0.091	ng/ul	
15) Fluoranthene	19.30	202	4513	0.148	ng/ul	83
17) Pyrene	19.66	202	4513	0.163	ng/ul#	87
18) Benzo(a)anthracene	21.40	228	2403	0.089	ng/ul#	90
19) Chrysene	21.46	228	2752	0.102	ng/ul#	88
21) Benzo(b)fluoranthene	23.18	252	3418m	0.119	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	1103m	0.036	ng/ul	
23) Benzo(a)pyrene	23.83	252	2056	0.072	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.67	276	1477	0.048	ng/ul#	70
26) Benzo(g,h,i)perylene	27.51	276	1368	0.053	ng/ul#	63

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

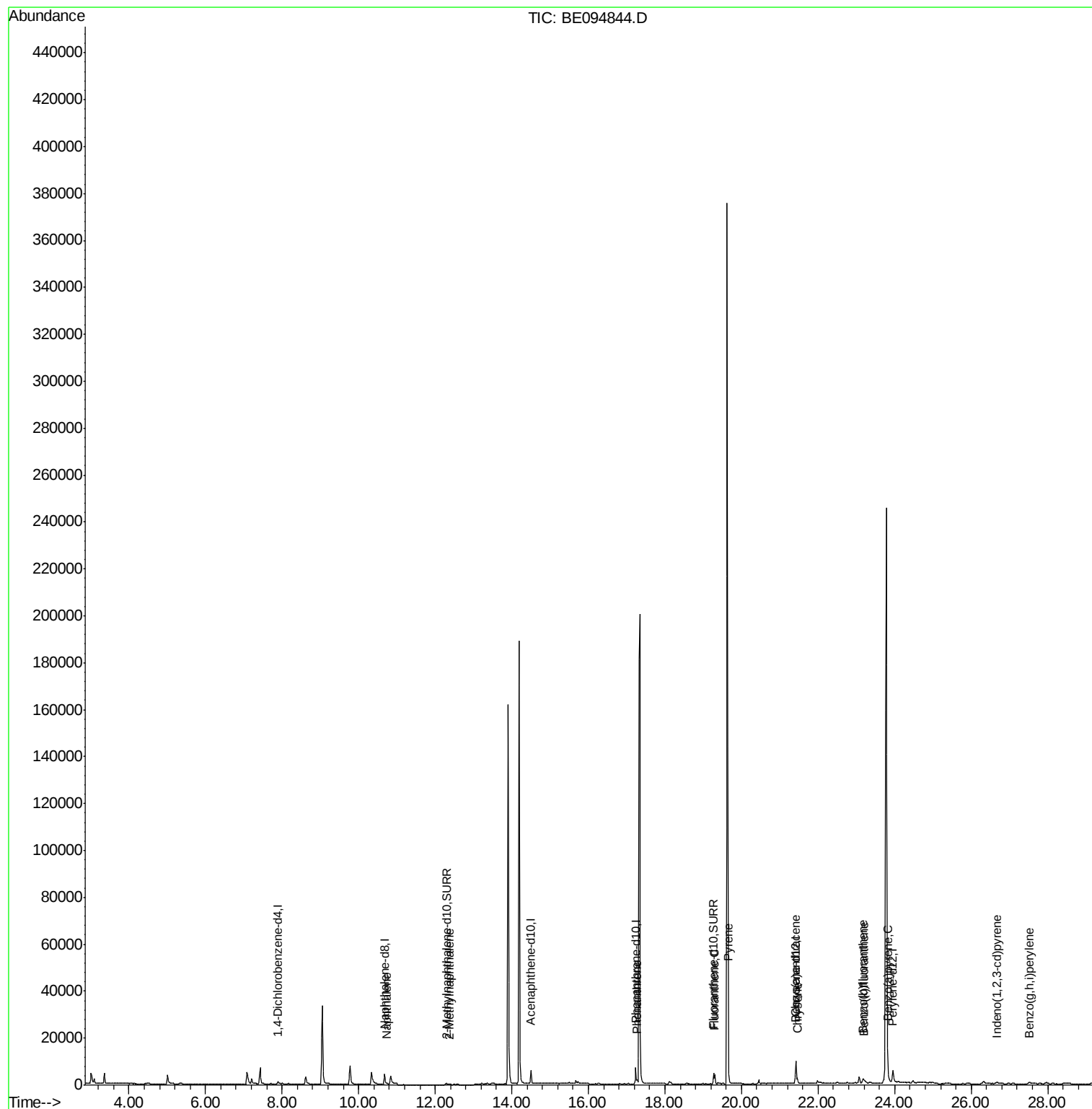
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094844.D
Acq On : 22 Nov 2017 22:29
Operator : SJ/JU
Sample : I6496-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

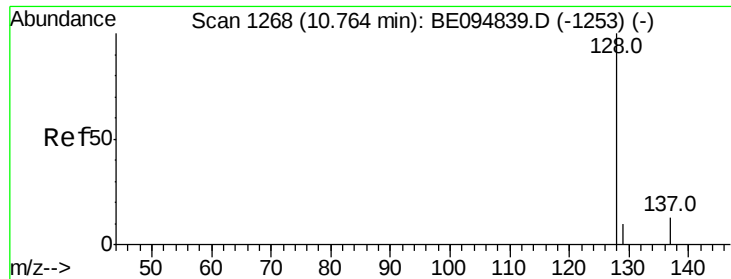
Instrument :
BNA_E
ClientSampleId :
C0AB4

Manual Integrations
APPROVED

Sohil
11/27/2017 3:25:45 PM

Quant Time: Nov 23 03:10:15 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 02:50:08 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.73 min Scan# 1261

Delta R.T. -0.03 min

Lab File: BE094844.D

Acq: 22 Nov 2017 22:29

Instrument :

BNA_E

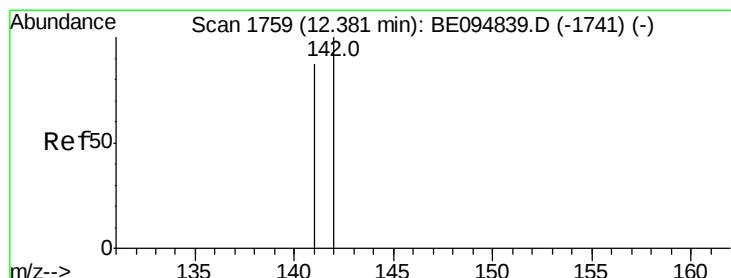
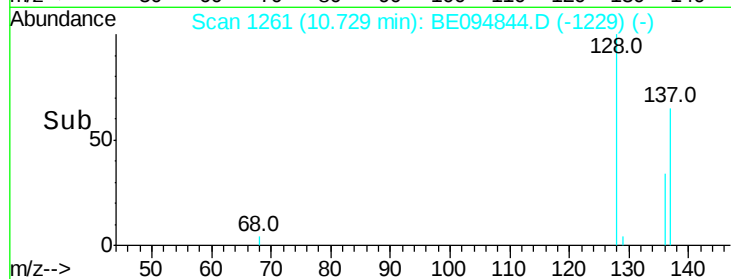
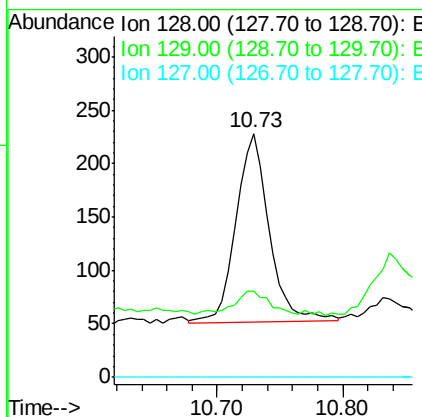
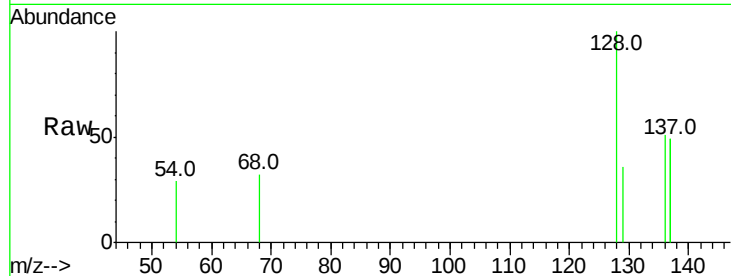
ClientSampleId :

C0AB4

Tot Ion:	128	Resp:	326
Ion Ratio	Lower	Upper	
128	100		
129	35.5	11.3	16.9#
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
11/27/2017 3:25:45 PM



#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

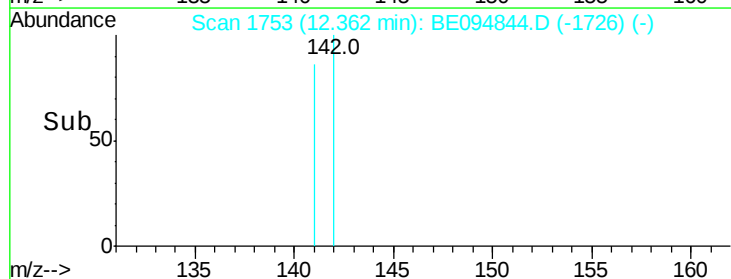
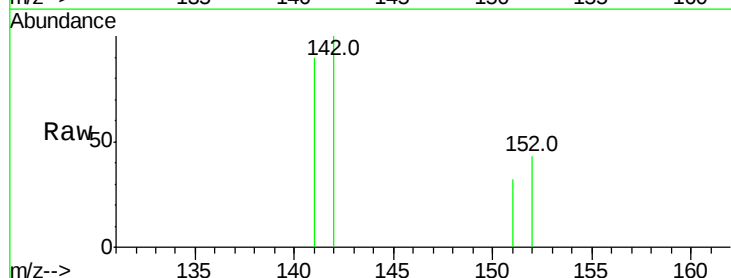
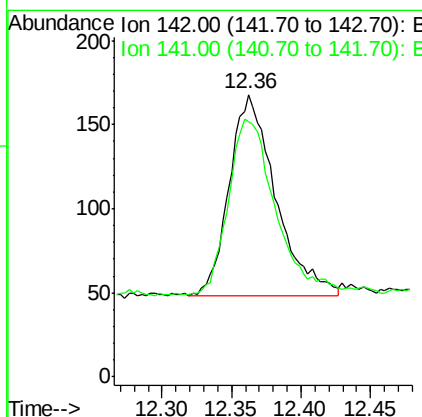
RT: 12.36 min Scan# 1753

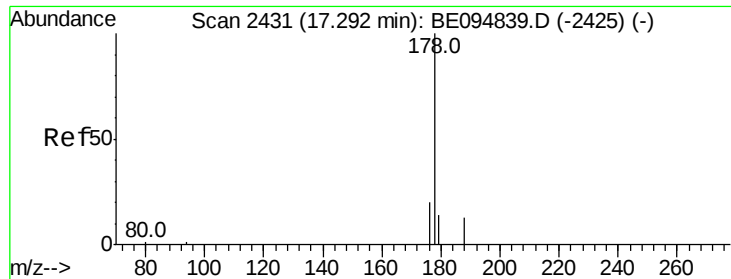
Delta R.T. -0.02 min

Lab File: BE094844.D

Acq: 22 Nov 2017 22:29

Tgt Ion:	142	Resp:	280
Ion Ratio	Lower	Upper	
142	100		
141	88.2	72.6	108.8





#12

Phenanthrene

Concen: 0.091 ng/ul m

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094844.D

Acq: 22 Nov 2017 22:29

Instrument :

BNA_E

ClientSampleId :

C0AB4

Tot Ion:178 Resp: 2118

Ion Ratio Lower Upper

178 100

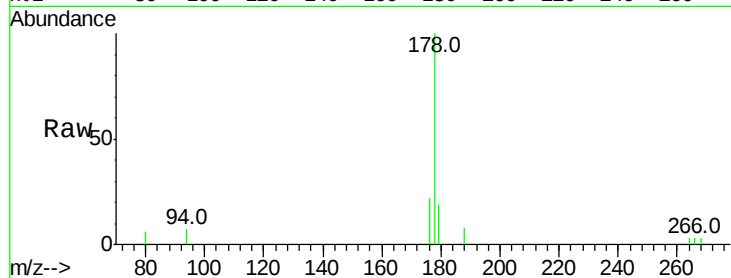
179 18.6 18.4 27.6

176 22.0 13.6 20.4#

Manual Integrations
APPROVED

Sohil

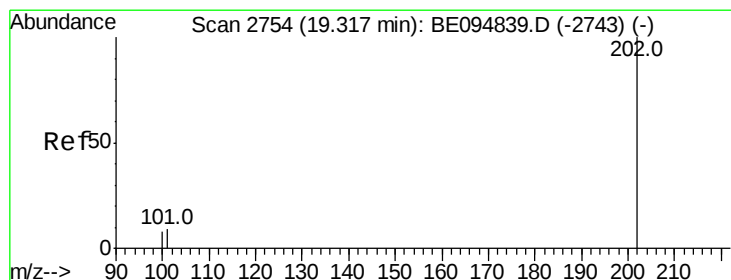
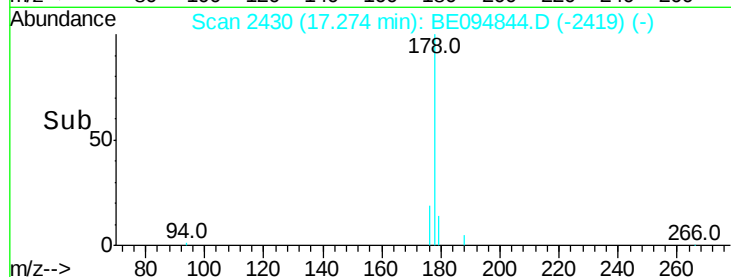
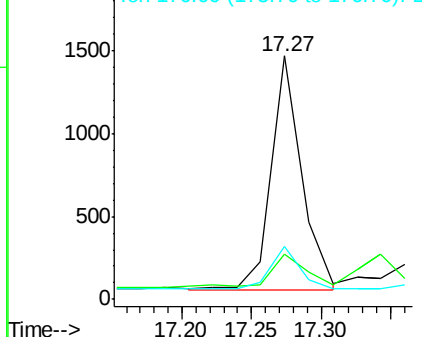
11/27/2017 3:25:45 PM



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: 0.148 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094844.D

Acq: 22 Nov 2017 22:29

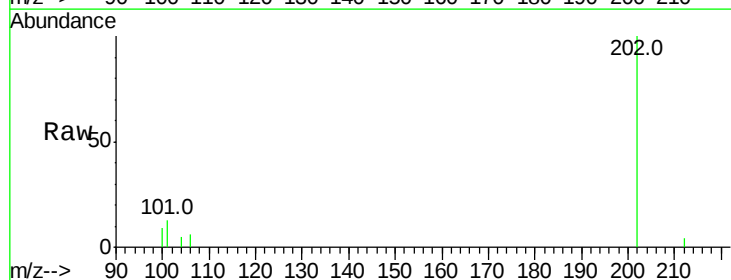
Tgt Ion:202 Resp: 4513

Ion Ratio Lower Upper

202 100

101 13.0 0.0 30.3

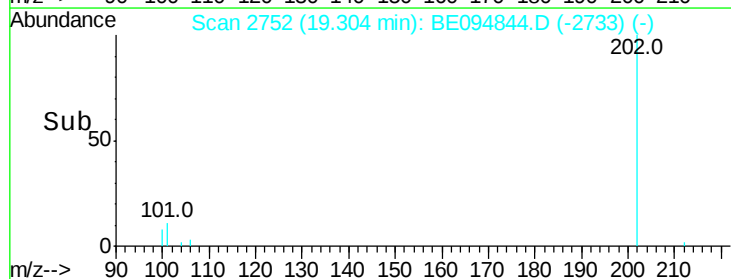
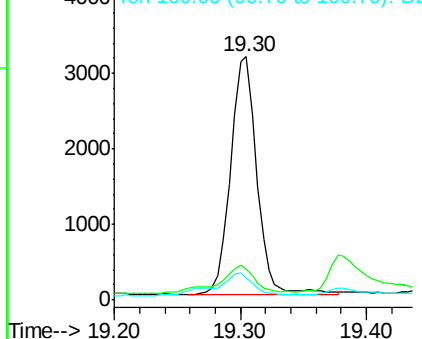
100 9.3 0.0 39.5

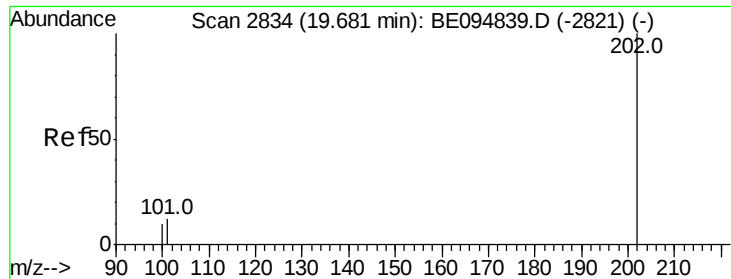


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.163 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BE094844.D

Acq: 22 Nov 2017 22:29

Instrument :

BNA_E

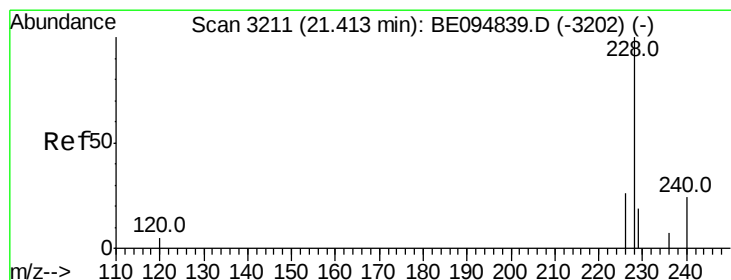
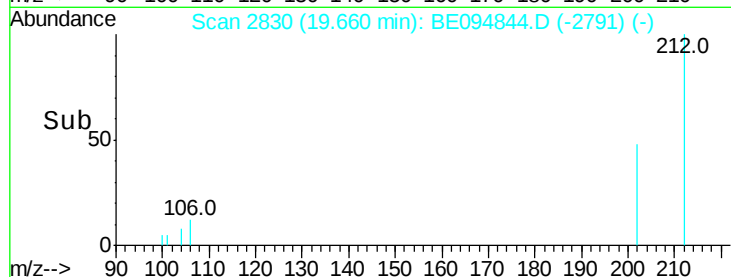
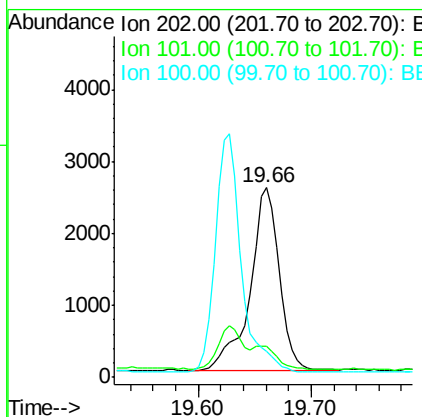
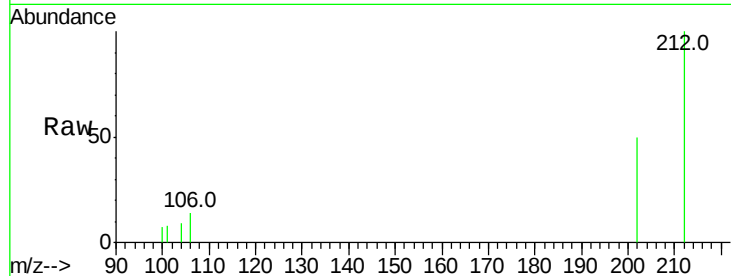
ClientSampleId :

C0AB4

Tot Ion:	202	Resp:	4513
Ion Ratio	Lower	Upper	
202	100		
101	16.1	18.2	27.4#
100	13.6	15.6	23.4#

Manual Integrations
APPROVED

Sohil
11/27/2017 3:25:45 PM



#18

Benzo(a)anthracene

Concen: 0.089 ng/ul

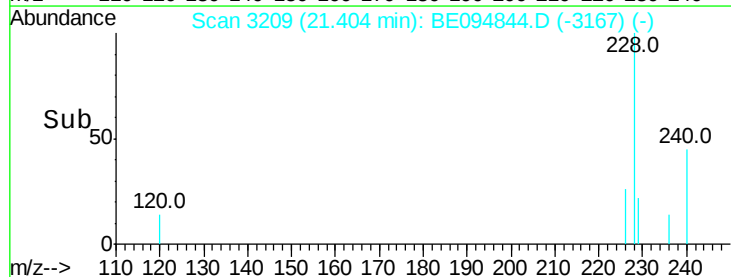
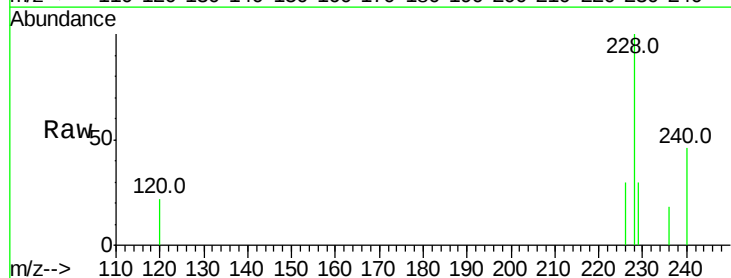
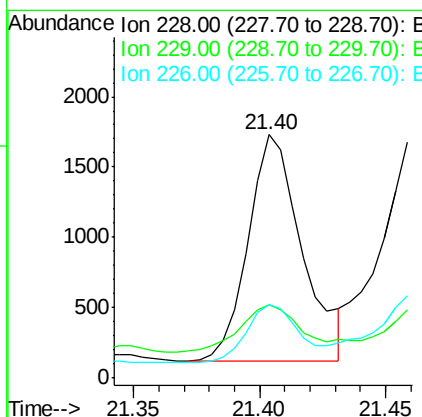
RT: 21.40 min Scan# 3209

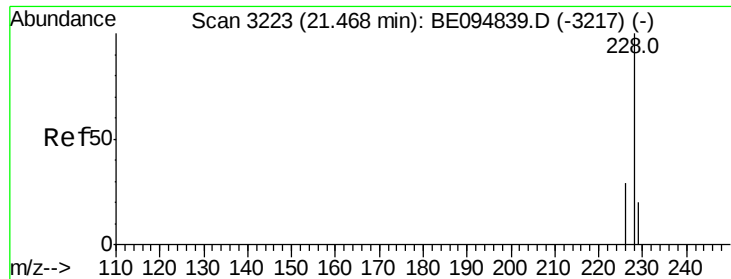
Delta R.T. -0.01 min

Lab File: BE094844.D

Acq: 22 Nov 2017 22:29

Tgt Ion:	228	Resp:	2403
Ion Ratio	Lower	Upper	
228	100		
229	30.2	22.8	34.2
226	30.1	17.0	25.6#





#19

Chrysene

Concen: 0.102 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094844.D

Acq: 22 Nov 2017 22:29

Instrument :

BNA_E

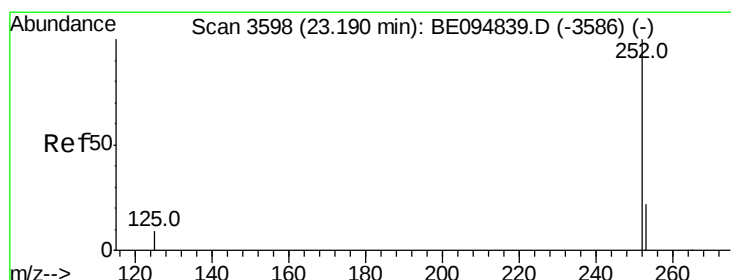
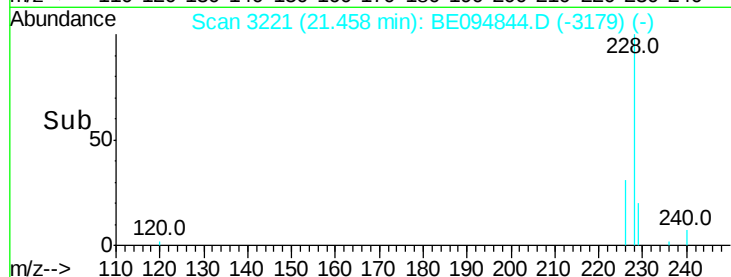
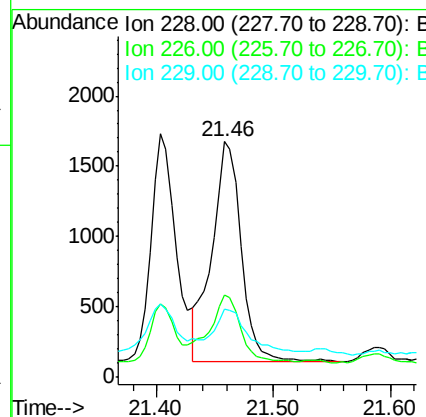
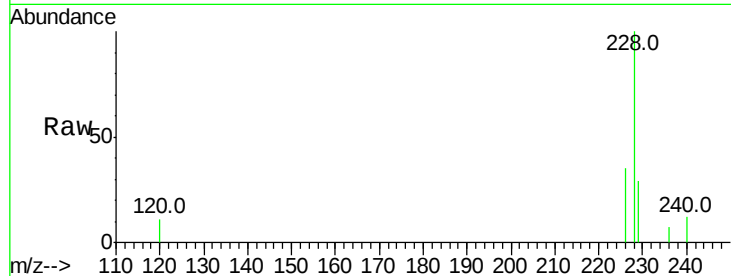
ClientSampled :

C0AB4

Tot Ion:228	Resp:	2752
Ion Ratio	Lower	Upper
228 100		
226 34.8	23.4	35.0
229 28.8	17.7	26.5#

Manual Integrations
APPROVED

Sohil
11/27/2017 3:25:45 PM



#21

Benzo(b)fluoranthene

Concen: 0.119 ng/ul m

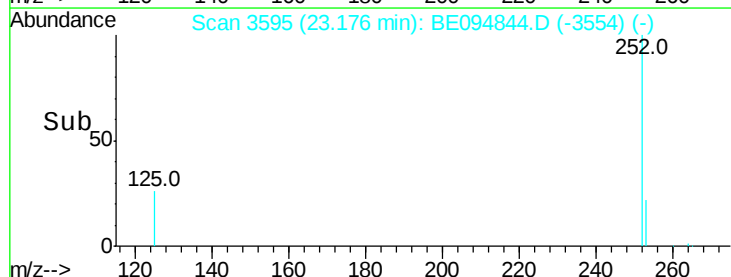
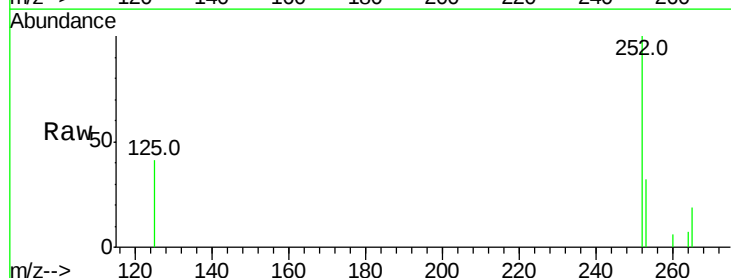
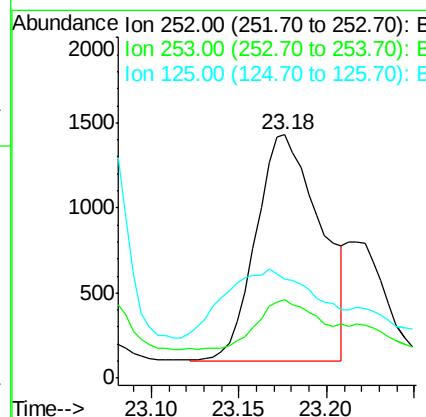
RT: 23.18 min Scan# 3595

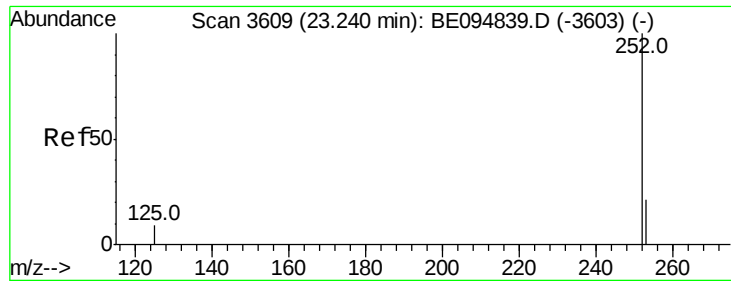
Delta R.T. -0.01 min

Lab File: BE094844.D

Acq: 22 Nov 2017 22:29

Tgt Ion:252	Resp:	3418
Ion Ratio	Lower	Upper
252 100		
253 32.1	0.0	64.2
125 40.6	0.0	35.0#





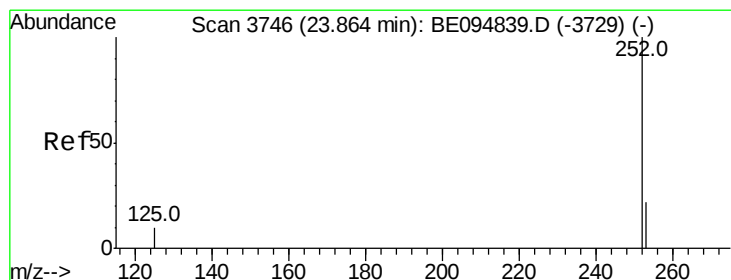
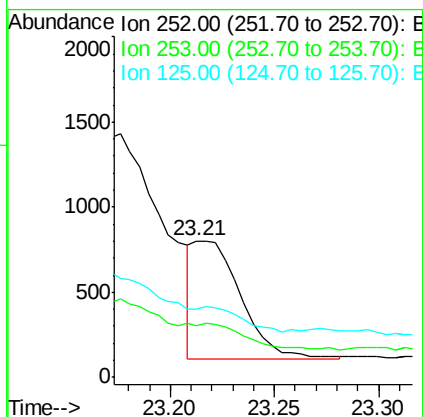
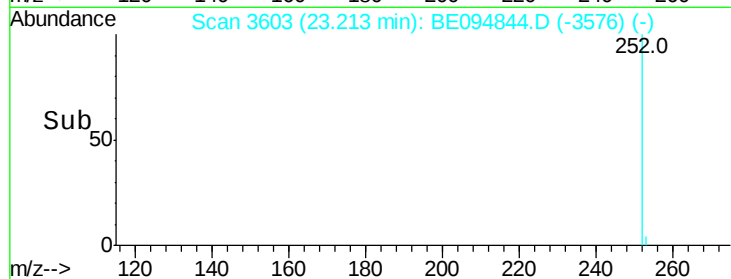
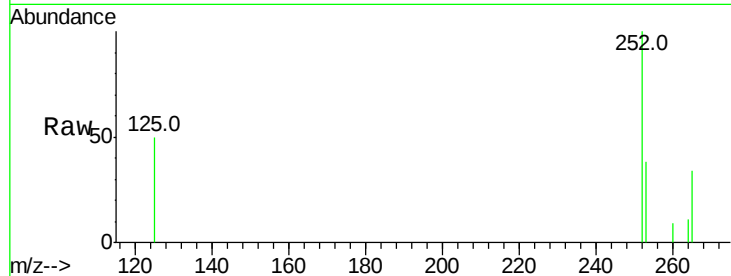
#22
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.03 min
Lab File: BE094844.D
Acq: 22 Nov 2017 22:29

Instrument :
BNA_E
ClientSampleId :
C0AB4

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.1	24.5	36.7#
125	50.2	13.7	20.5#

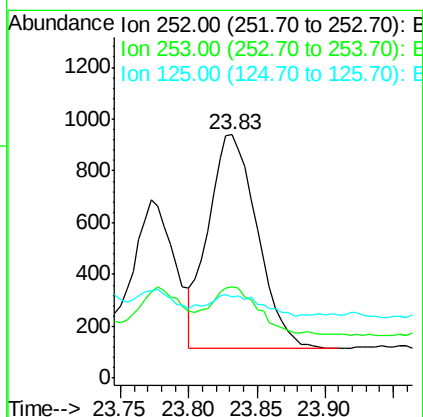
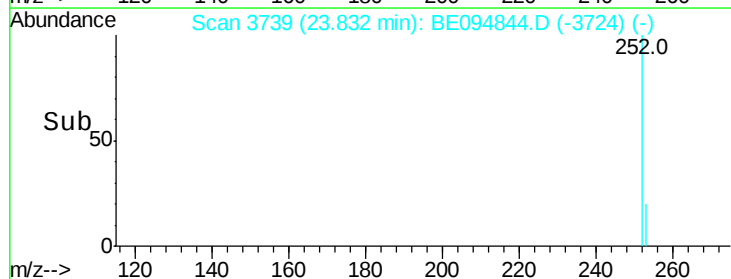
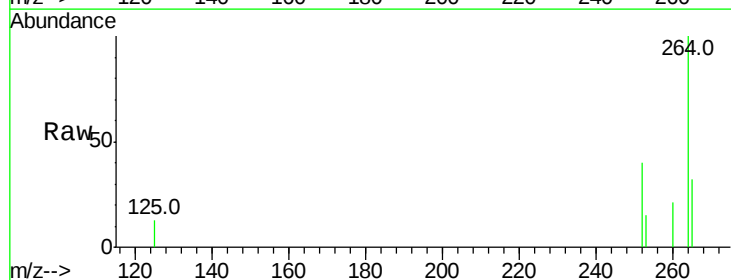
Manual Integrations
APPROVED

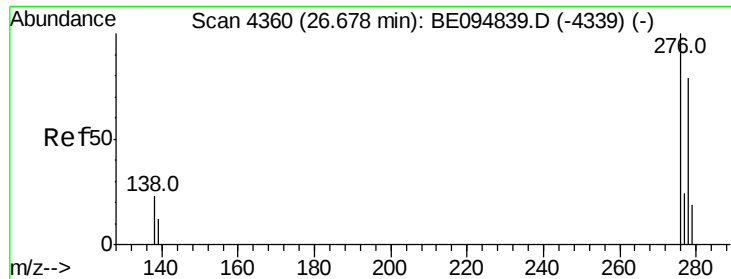
Sohil
11/27/2017 3:25:45 PM



#23
Benzo(a)pyrene
Concen: 0.072 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BE094844.D
Acq: 22 Nov 2017 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.3	28.5	42.7
125	33.2	18.1	27.1#





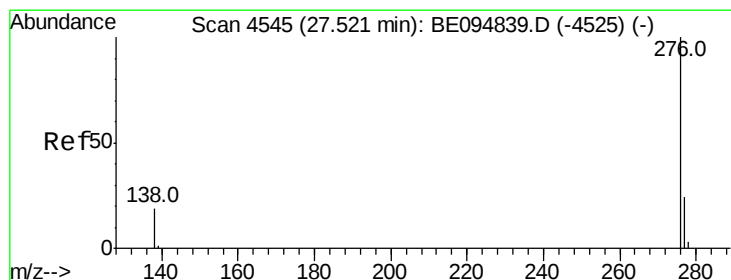
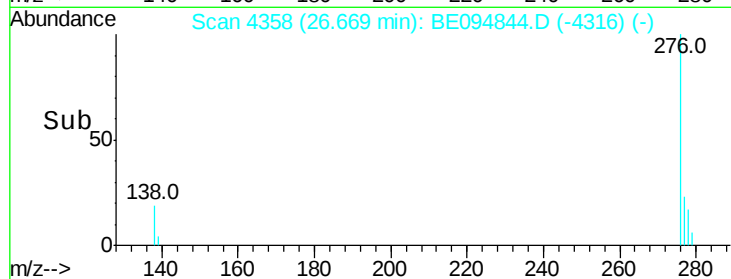
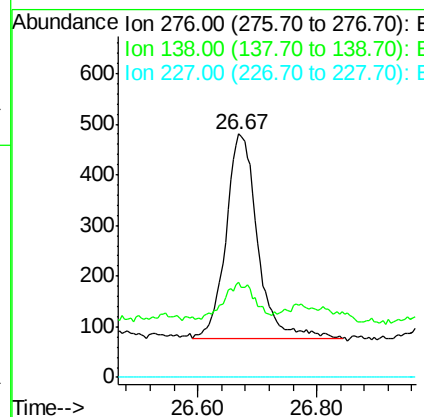
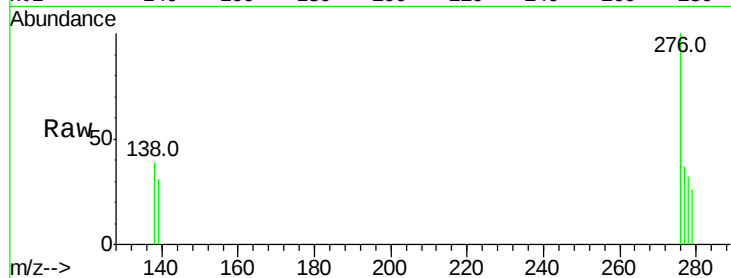
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.048 ng/u1
 RT: 26.67 min Scan# 4358
 Delta R.T. -0.01 min
 Lab File: BE094844.D
 Acq: 22 Nov 2017 22:29

Instrument :
 BNA_E
 ClientSampleId :
 C0AB4

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:25:45 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.053 ng/u1
 RT: 27.51 min Scan# 4543
 Delta R.T. -0.01 min
 Lab File: BE094844.D
 Acq: 22 Nov 2017 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	51.9	21.8	32.8#
277	38.8	20.5	30.7#

