

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094243.D
 Acq On : 10 Oct 2017 4:51
 Operator : SJ/JU
 Sample : I5533-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-56(2-4)-092717

Manual Integrations
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 10/10/2017 4:57:38 PM

Quant Time: Oct 10 11:25:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2724	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13778	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7943	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.26	188	16748	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	16596	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	18165	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3340	0.16	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	8276	0.15	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2746	0.081	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	872	0.040	ng/ul	97
7) Acenaphthylene	14.24	152	1932	0.062	ng/ul#	88
8) Acenaphthene	14.57	153	5407	0.212	ng/ul	96
9) Fluorene	15.57	166	4497	0.151	ng/ul	96
12) Phenanthrene	17.29	178	73239	1.673	ng/ul#	92
13) Anthracene	17.38	178	16745	0.393	ng/ul#	92
15) Fluoranthene	19.30	202	132998	2.313	ng/ul	84
17) Pyrene	19.66	202	117774	2.551	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	62334	1.416	ng/ul#	88
19) Chrysene	21.45	228	58611	1.153	ng/ul	96
21) Benzo(b)fluoranthene	23.15	252	75613m	1.532	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	26780m	0.470	ng/ul	
23) Benzo(a)pyrene	23.81	252	55599	1.084	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.58	276	35691	0.680	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.59	278	8794	0.200	ng/ul#	70
26) Benzo(a,h,i)perylene	27.41	276	33450	0.739	ng/ul	94

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

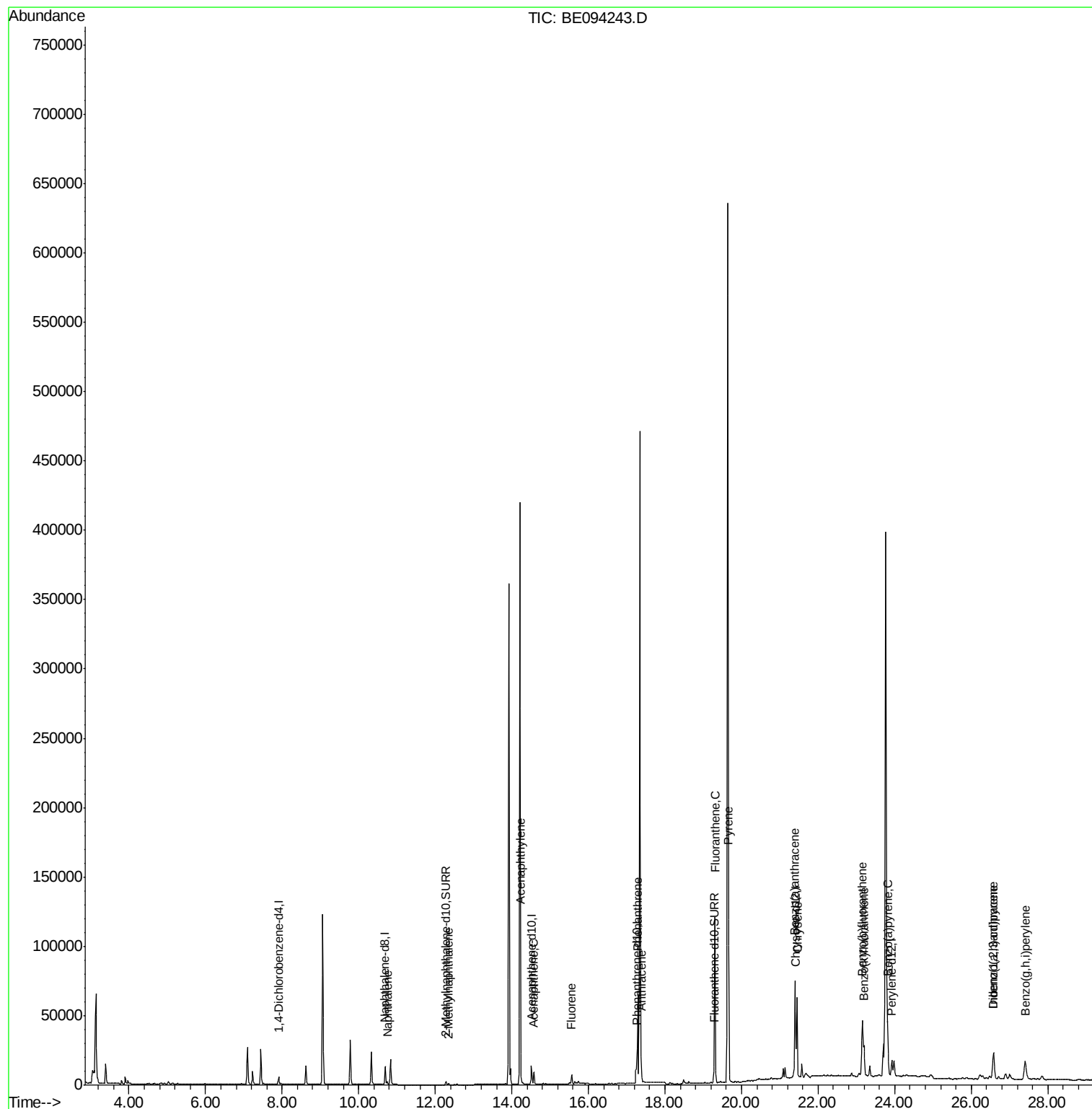
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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ALS Vial : 28 Sample Multiplier: 1

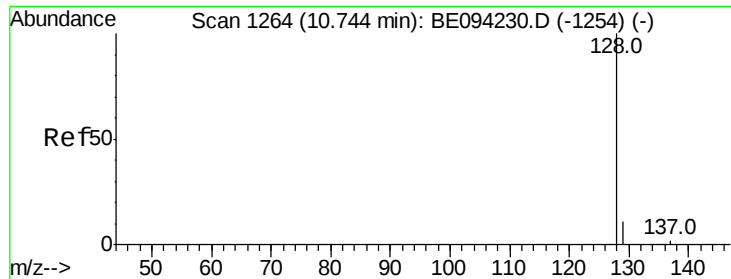
Instrument :
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#3

Naphthalene

Concen: 0.081 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Instrument :

BNA_E

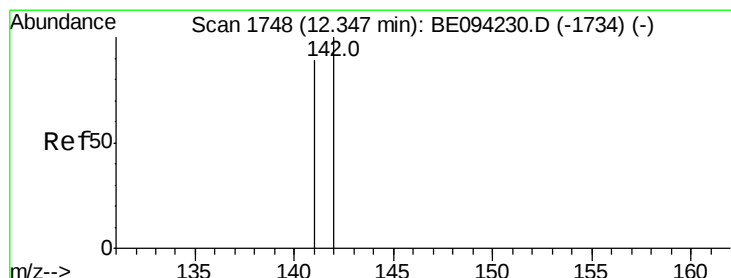
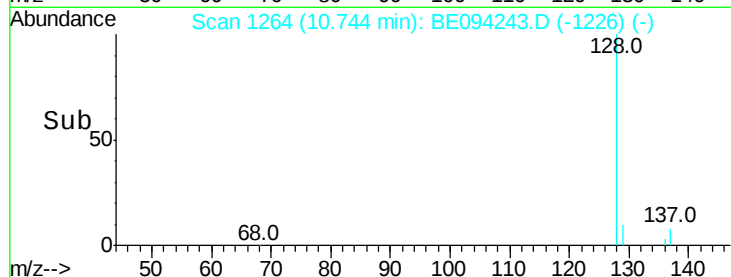
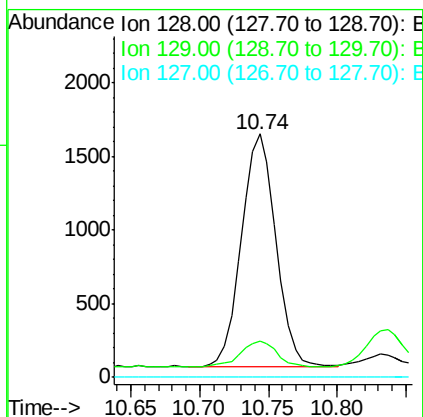
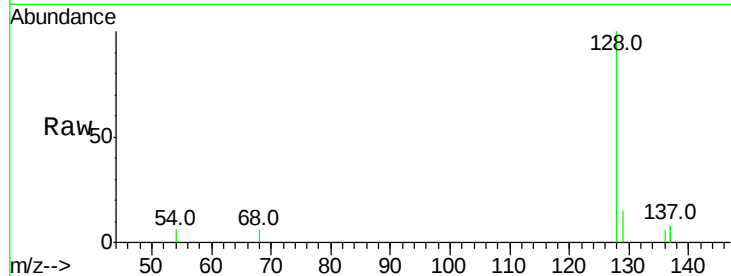
ClientSampleId :

B-56(2-4)-092717

Tot Ion:	128	Resp:	2746
Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

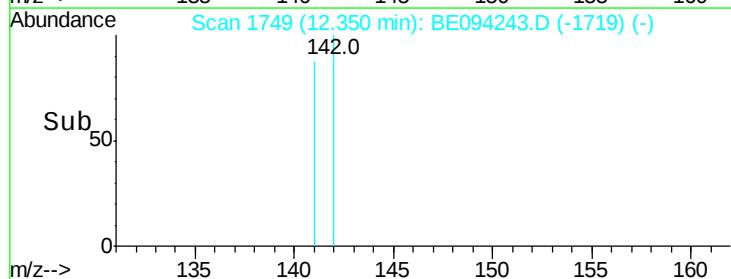
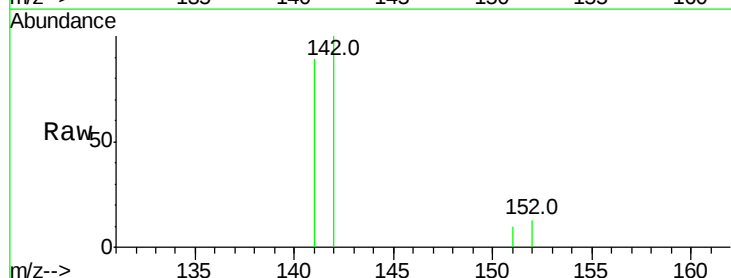
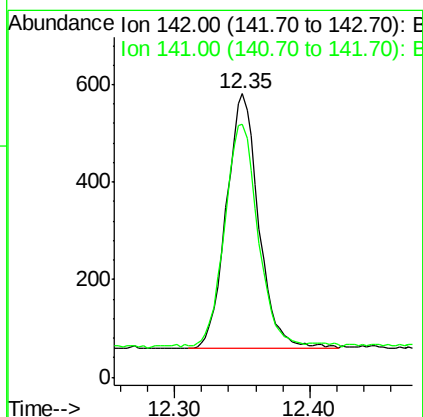
RT: 12.35 min Scan# 1749

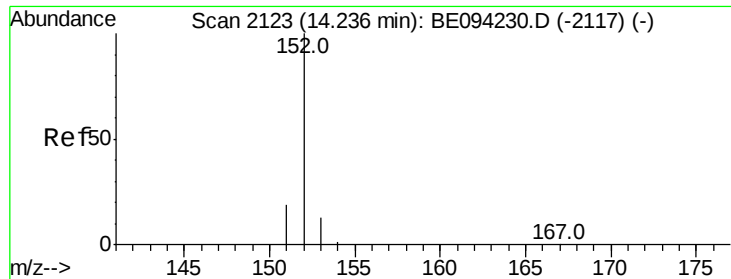
Delta R.T. -0.01 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Tgt Ion:	142	Resp:	872
Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.062 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Instrument :

BNA_E

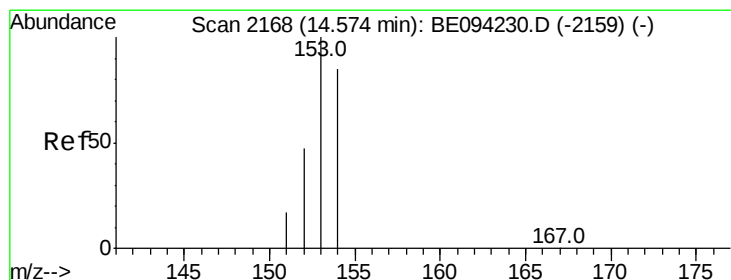
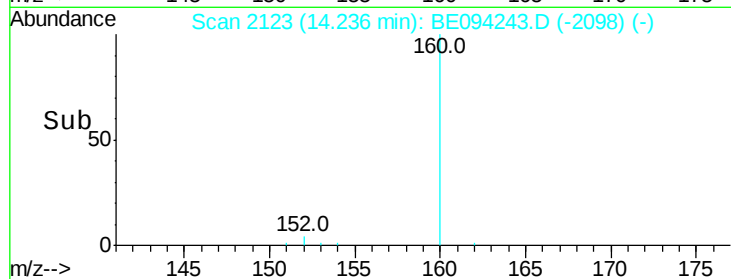
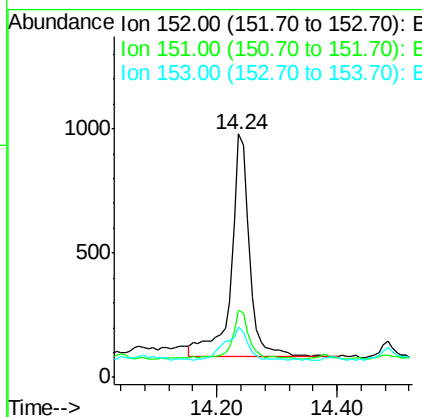
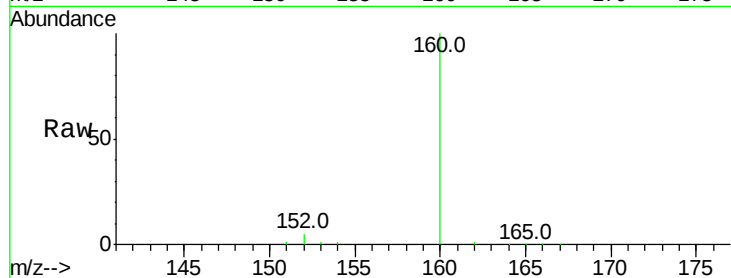
ClientSampleId :

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Tot Ion:	152	Resp:	1932
Ion Ratio	Lower	Upper	
152	100		
151	27.6	17.1	25.7#
153	20.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.212 ng/ul

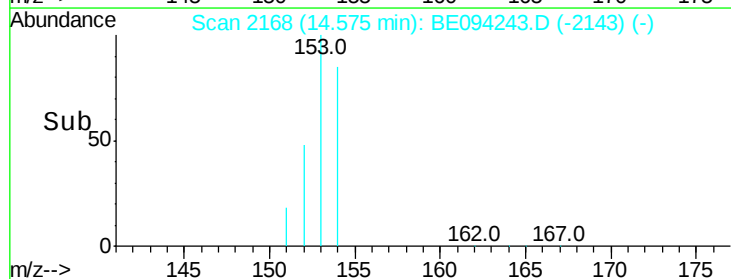
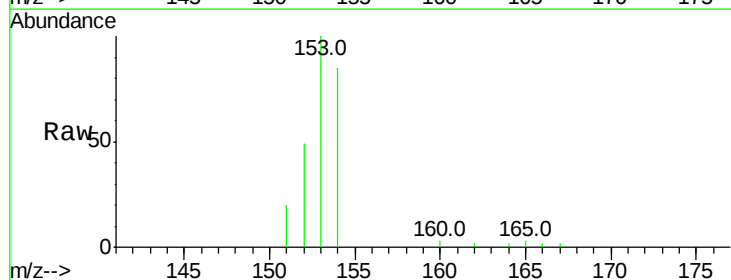
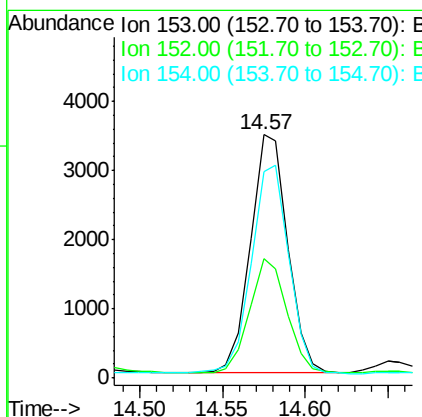
RT: 14.57 min Scan# 2168

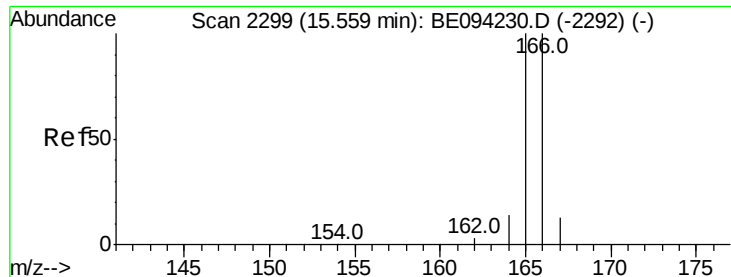
Delta R.T. -0.02 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Tgt Ion:	153	Resp:	5407
Ion Ratio	Lower	Upper	
153	100		
152	48.8	40.3	60.5
154	84.8	71.4	107.2





#9

Fluorene

Concen: 0.151 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Instrument :

BNA_E

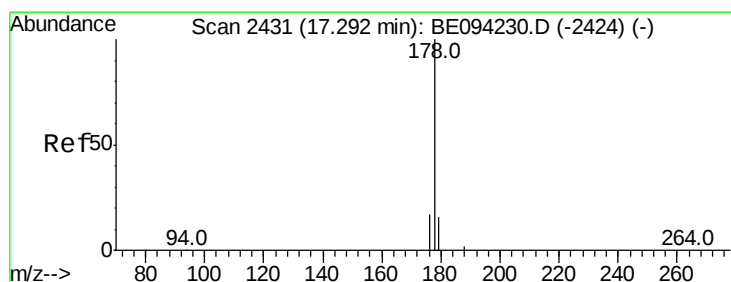
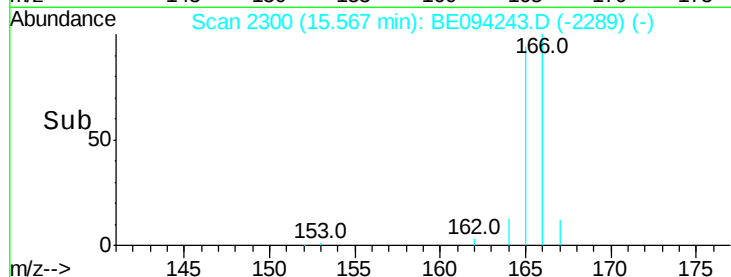
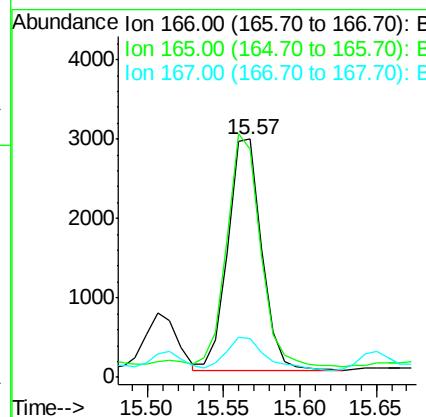
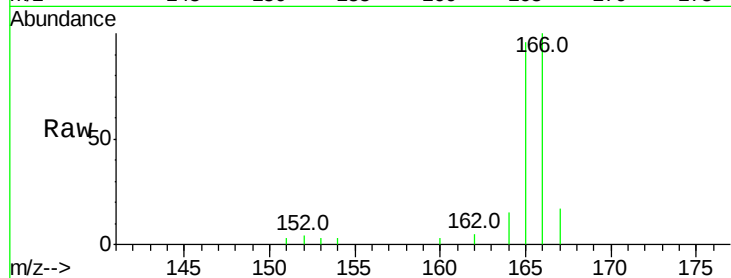
ClientSampleId :

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Tot Ion:	166	Resp:	4497
Ion Ratio	Lower	Upper	
166	100		
165	96.0	73.4	110.2
167	16.5	14.6	22.0

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#12

Phenanthrene

Concen: 1.673 ng/ul

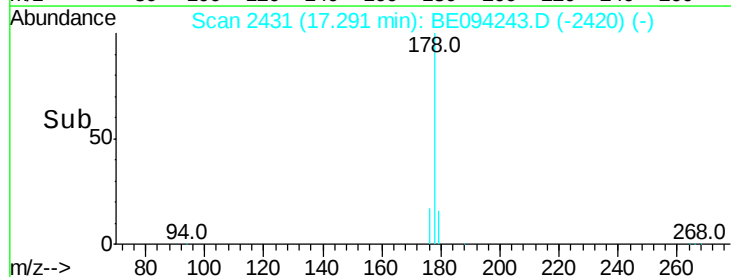
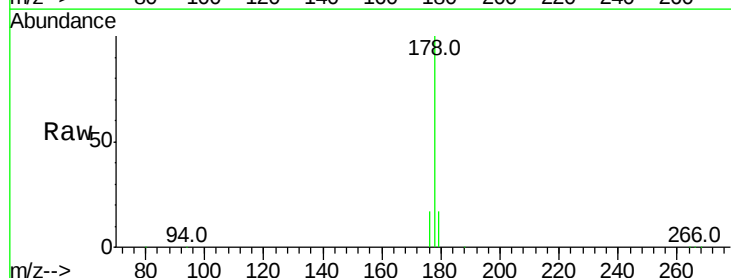
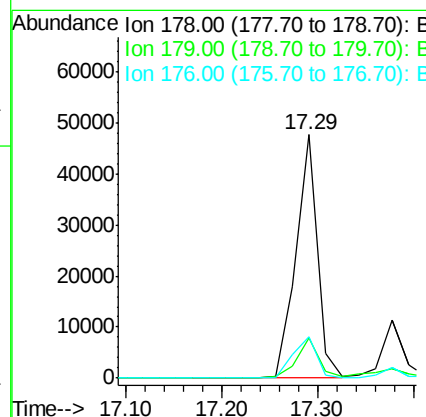
RT: 17.29 min Scan# 2431

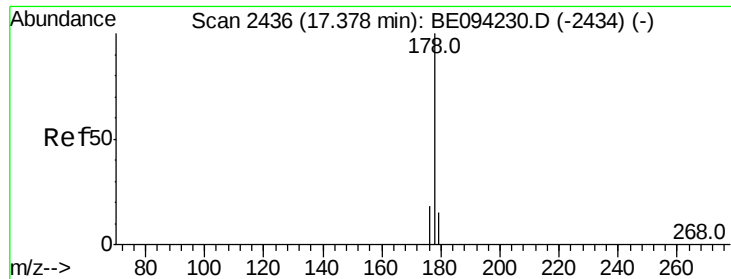
Delta R.T. -0.02 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Tgt Ion:	178	Resp:	73239
Ion Ratio	Lower	Upper	
178	100		
179	16.6	18.4	27.6#
176	17.2	13.6	20.4





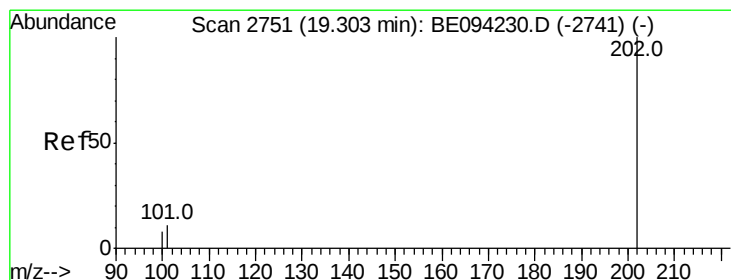
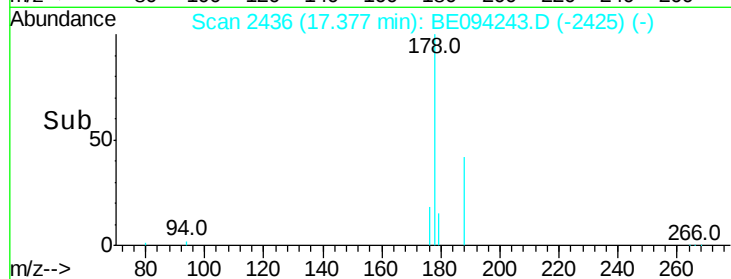
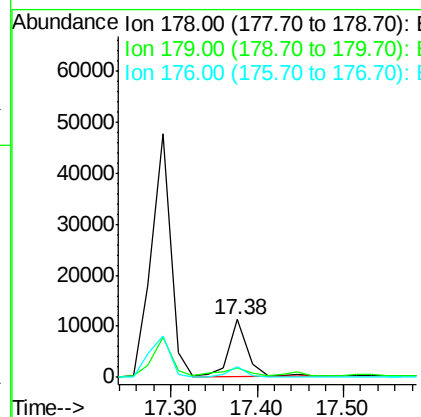
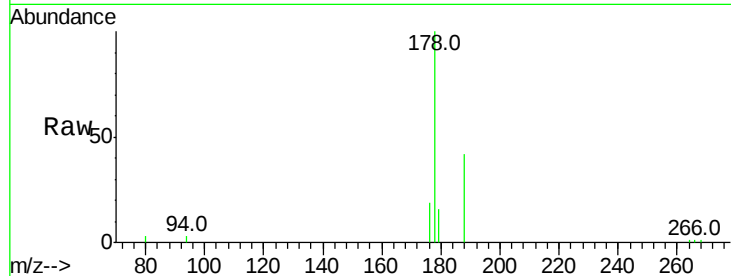
#13
 Anthracene
 Concen: 0.393 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094243.D
 Acq: 10 Oct 2017 4:51

Instrument :
 BNA_E
 ClientSampleId :
 B-56(2-4)-092717

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.1	27.1#
176	19.0	14.7	22.1

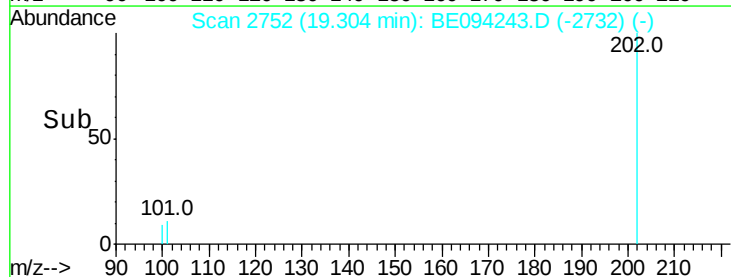
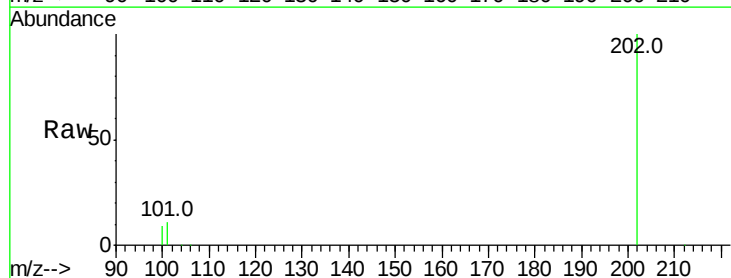
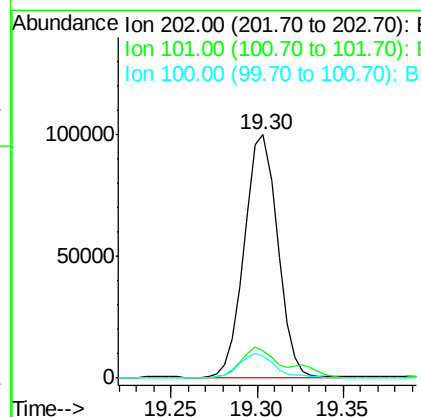
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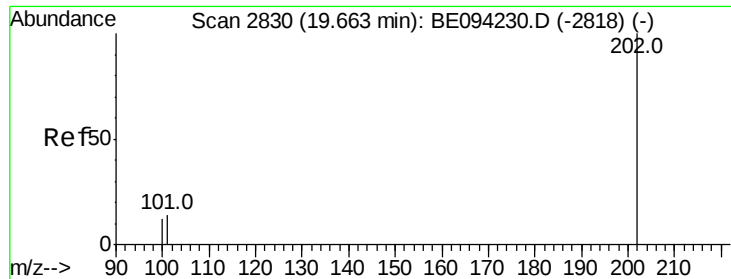
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#15
 Fluoranthene
 Concen: 2.313 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094243.D
 Acq: 10 Oct 2017 4:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	9.0	0.0	39.5





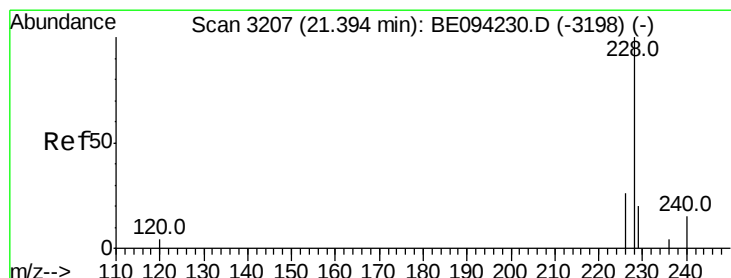
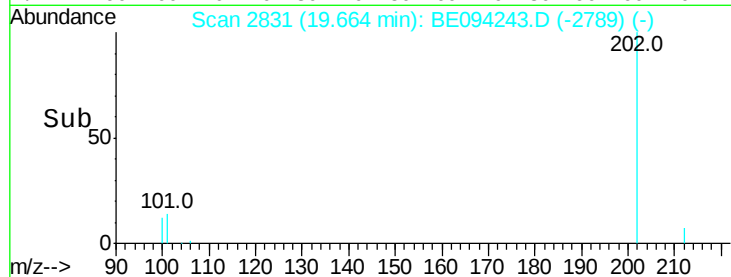
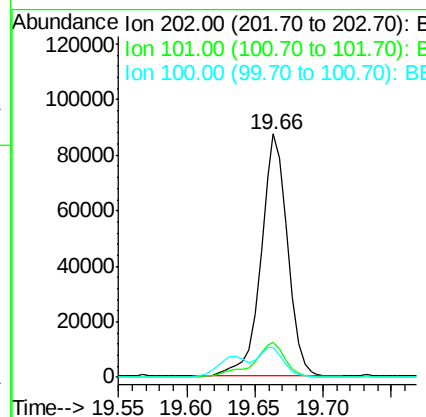
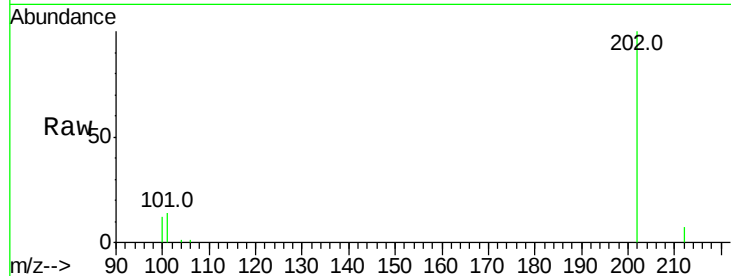
#17
Pvrene
Concen: 2.551 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094243.D
Acq: 10 Oct 2017 4:51

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.3	18.2	27.4#
100	12.3	15.6	23.4#

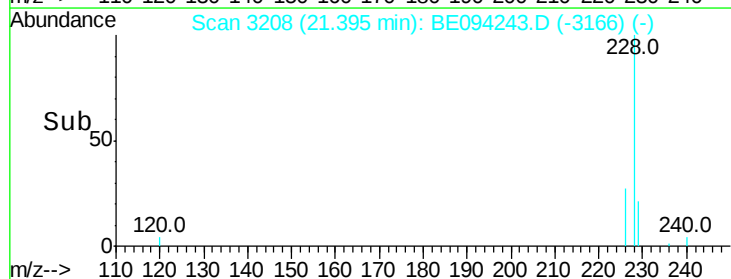
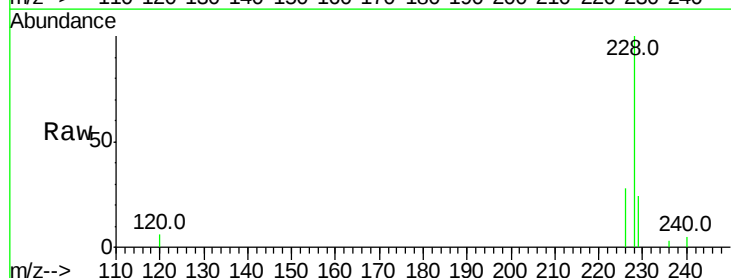
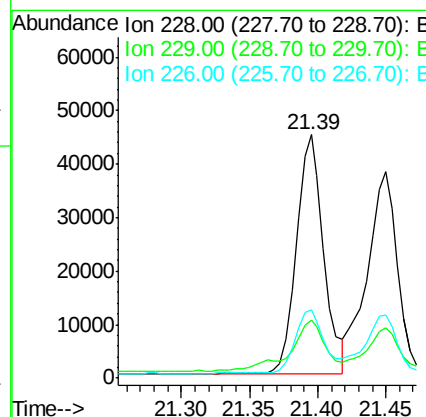
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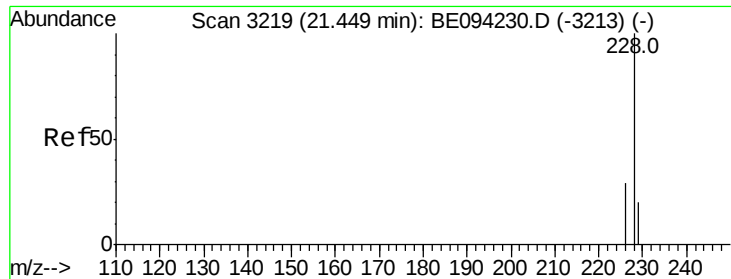
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#18
Benzo(a)anthracene
Concen: 1.416 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE094243.D
Acq: 10 Oct 2017 4:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.6	22.8	34.2
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 1.153 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Instrument :

BNA_E

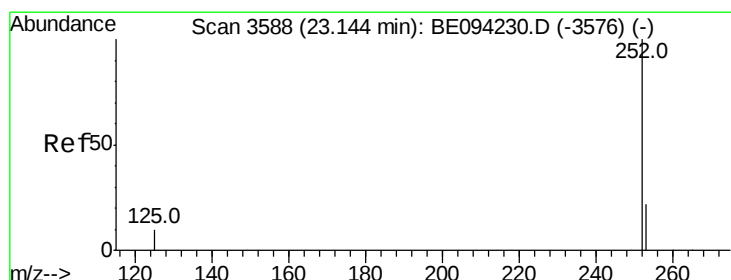
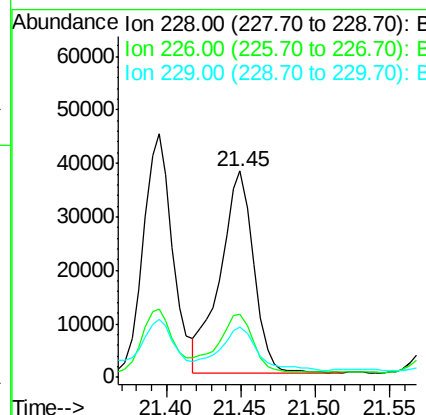
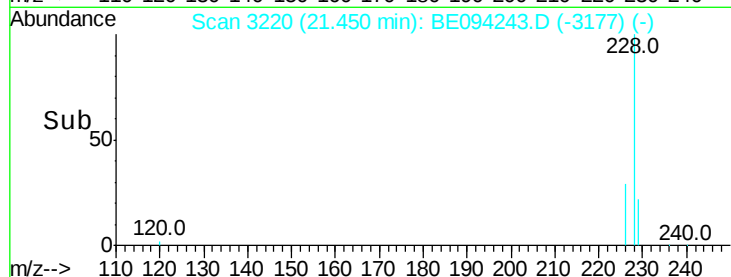
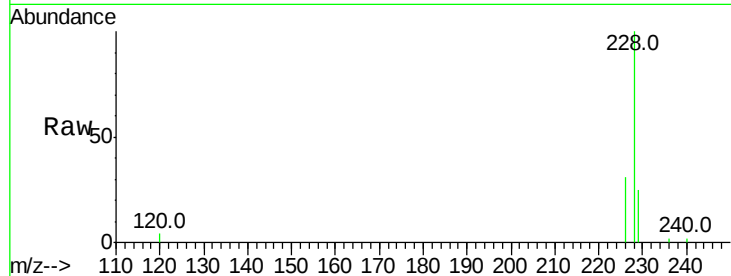
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Tot Ion:	228	Resp:	58611
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.0
229	24.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.532 ng/ul m

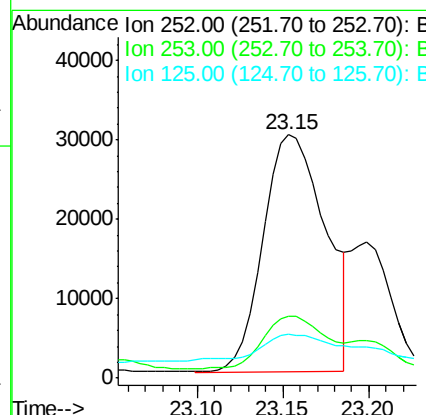
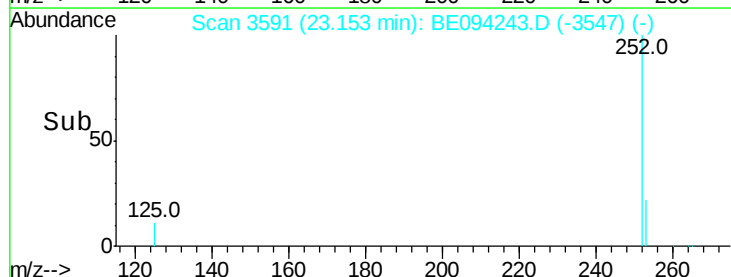
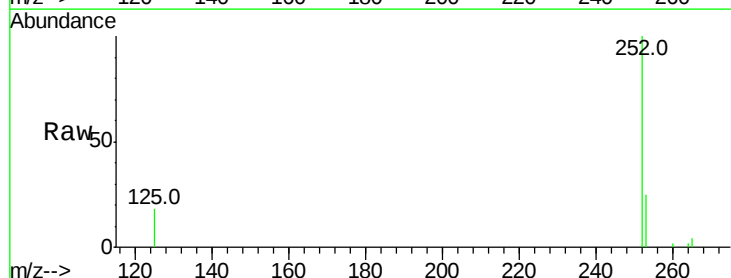
RT: 23.15 min Scan# 3591

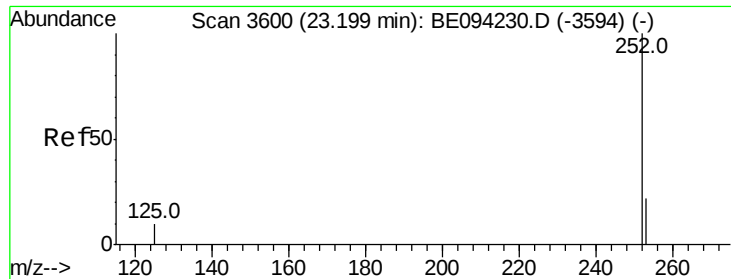
Delta R.T. 0.00 min

Lab File: BE094243.D

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Tgt Ion:	252	Resp:	75613
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	64.2
125	18.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.470 ng/ul m

RT: 23.20 min Scan# 3601

Delta R.T. -0.00 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Instrument :

BNA_E

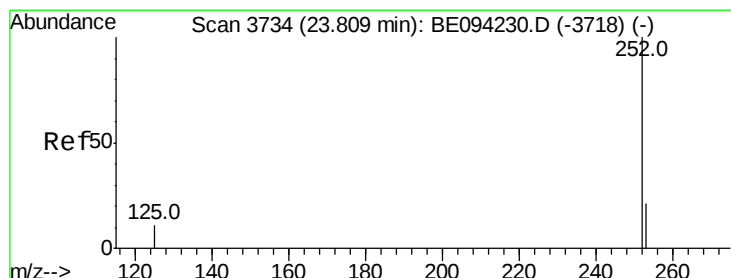
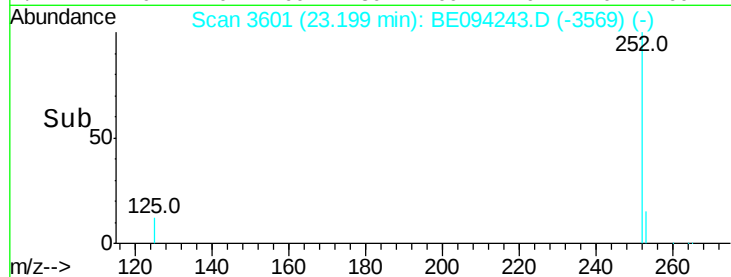
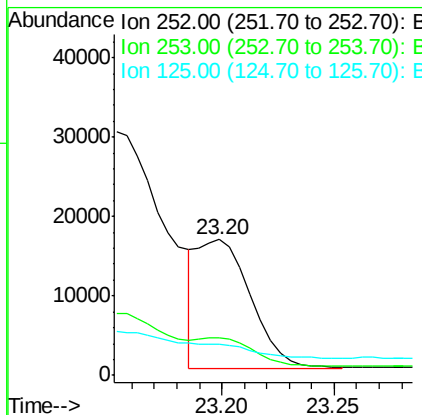
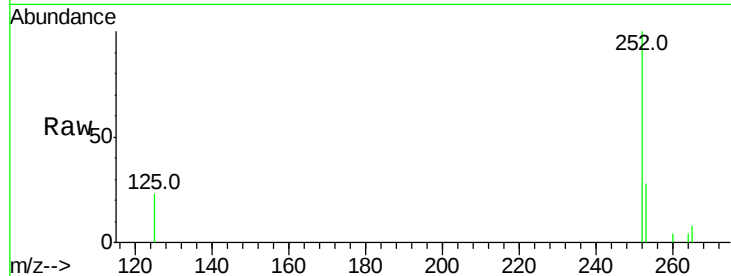
ClientSampleId :

B-56(2-4)-092717

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	24.5	36.7
125	23.2	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.084 ng/ul

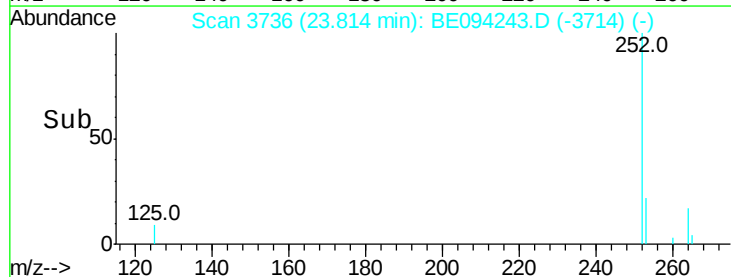
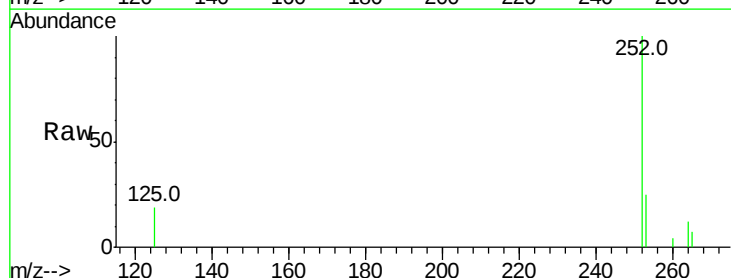
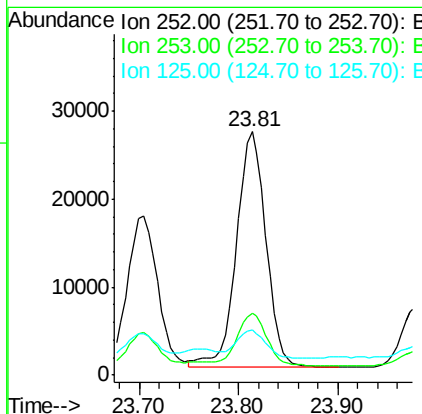
RT: 23.81 min Scan# 3736

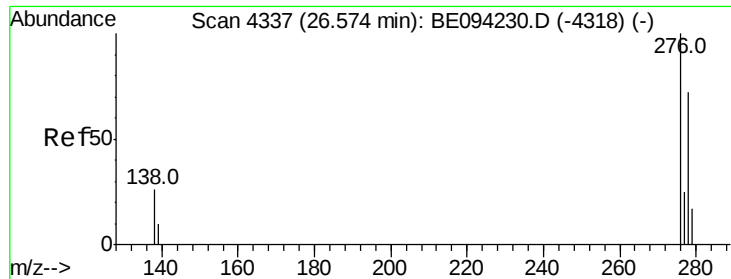
Delta R.T. 0.00 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	28.5	42.7
125	18.8	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.680 ng/ul

RT: 26.58 min Scan# 4340

Delta R.T. -0.00 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

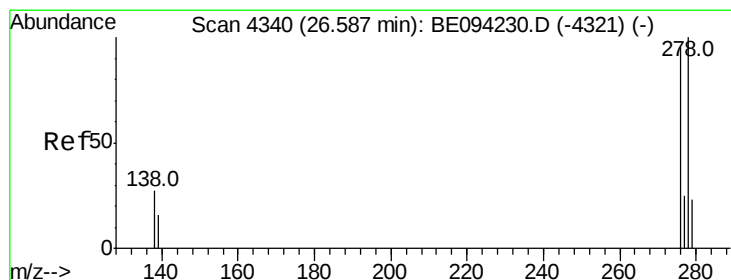
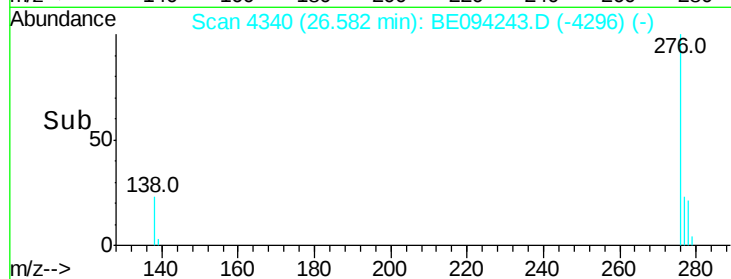
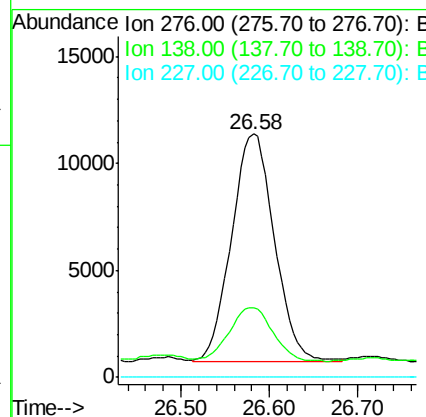
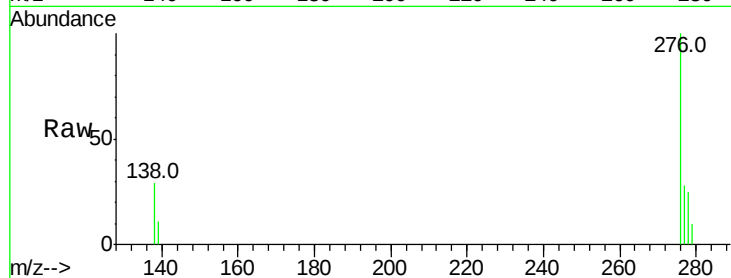
Instrument :
BNA_E

ClientSampleId :
B-56(2-4)-092717

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:38 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.200 ng/ul

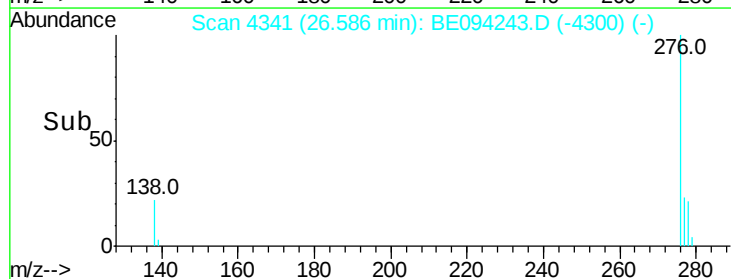
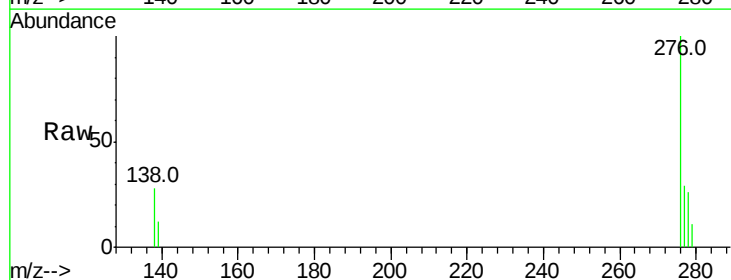
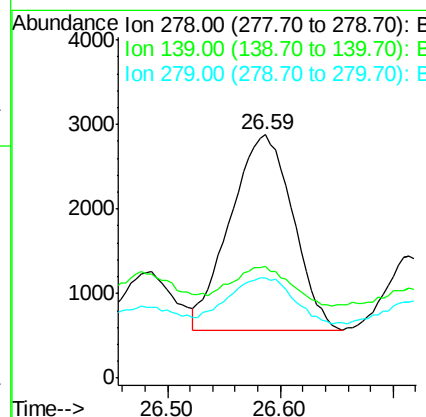
RT: 26.59 min Scan# 4341

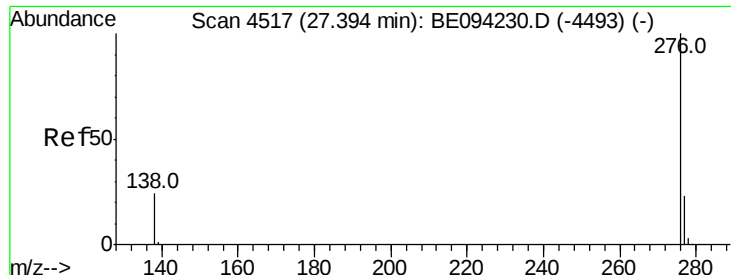
Delta R.T. -0.02 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.8	17.4	26.0#
279	41.3	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.739 ng/ul

RT: 27.41 min Scan# 4522

Delta R.T. 0.01 min

Lab File: BE094243.D

Acq: 10 Oct 2017 4:51

Instrument :

BNA_E

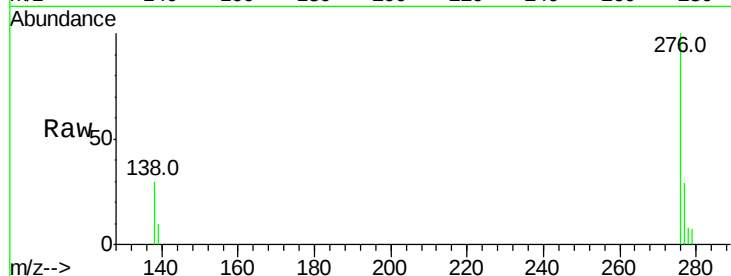
ClientSampleId :

B-56(2-4)-092717

Tot Ion:	276	Resp:	33450
Ion Ratio	Lower	Upper	
276	100		
138	29.9	21.8	32.8
277	29.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:38 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

