

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097481.D
 Acq On : 13 Sep 2018 9:53
 Operator : SJ/JU
 Sample : J4792-08DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z39DL

Manual Integrations
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Quant Time: Sep 13 11:37:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1023	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5837	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3658	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8658	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9956	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10006	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	327	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1005	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	7007	0.492	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	2382	0.265	ng/ul	98
7) Acenaphthylene	13.73	152	4195	0.315	ng/ul	99
8) Acenaphthene	14.07	153	2190	0.191	ng/ul	96
9) Fluorene	15.07	166	5651	0.430	ng/ul	93
12) Phenanthrene	16.80	178	43721	1.962	ng/ul#	89
13) Anthracene	16.90	178	10176	0.543	ng/ul#	93
15) Fluoranthene	18.83	202	39190	1.369	ng/ul	84
17) Pyrene	19.20	202	36183	1.351	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	19652	0.768	ng/ul#	86
19) Chrysene	21.01	228	17657m	0.599	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	28459m	1.062	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	8504m	0.285	ng/ul	
23) Benzo(a)pyrene	23.11	252	21470	0.866	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.51	276	19393	0.604	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.52	278	4639	0.170	ng/ul#	65
26) Benzo(g,h,i)perylene	26.21	276	17325	0.632	ng/ul	93

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

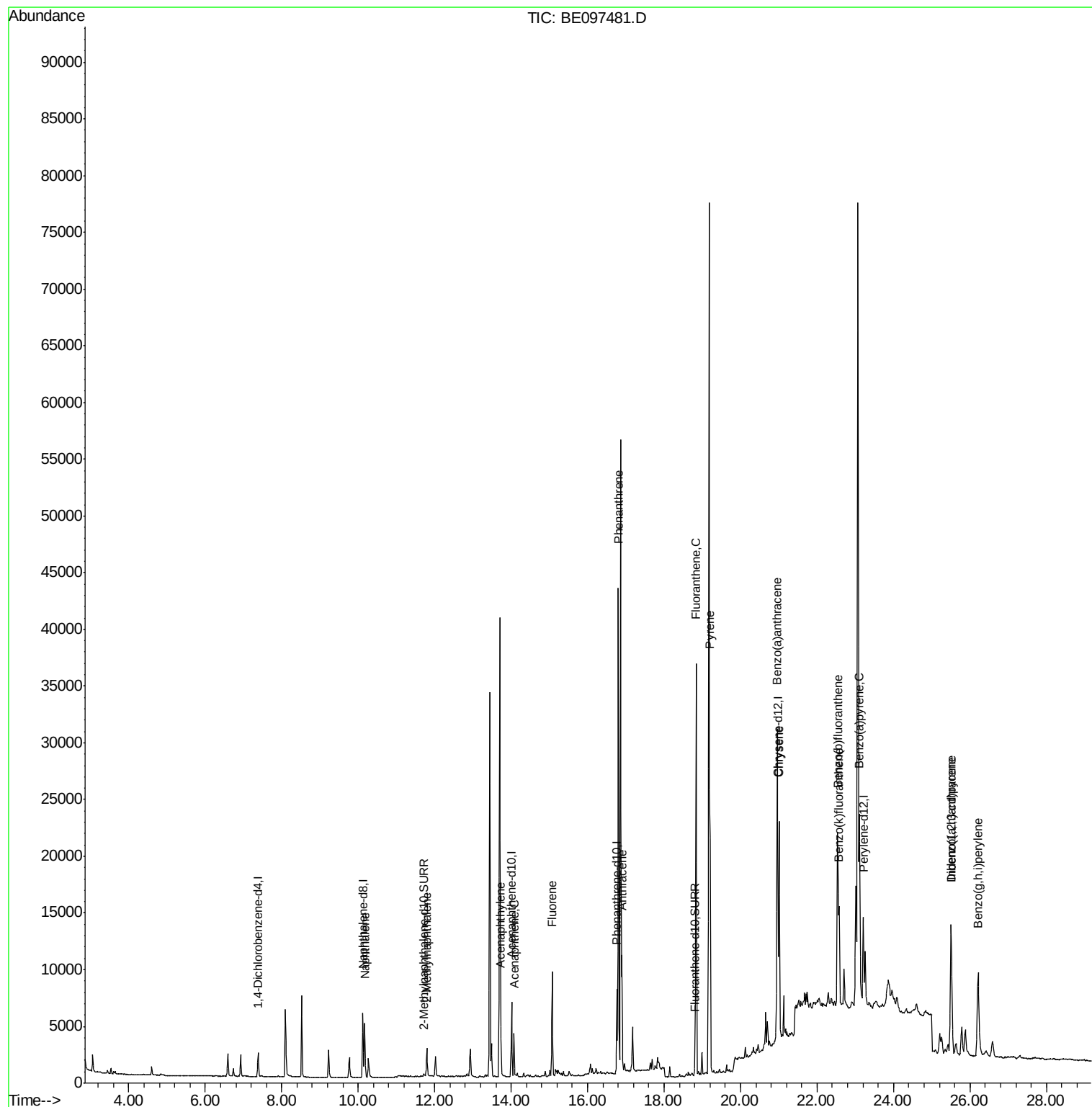
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
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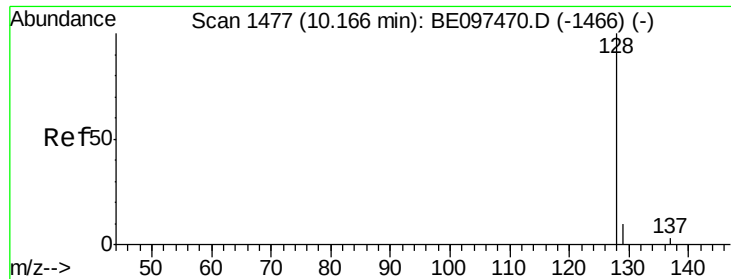
Instrument :
BNA_E
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A3Z39DL

Quant Time: Sep 13 11:37:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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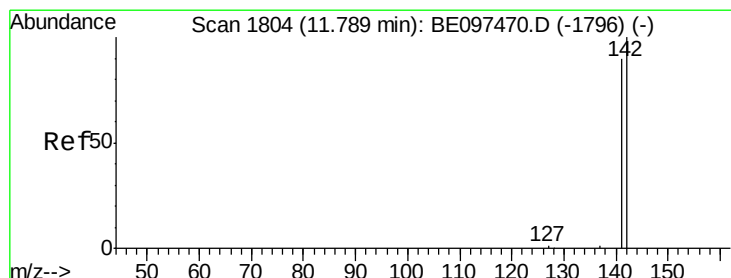
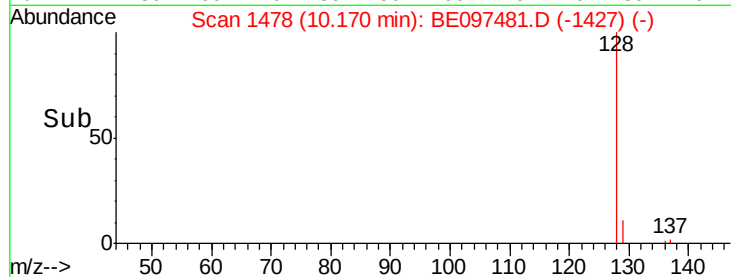
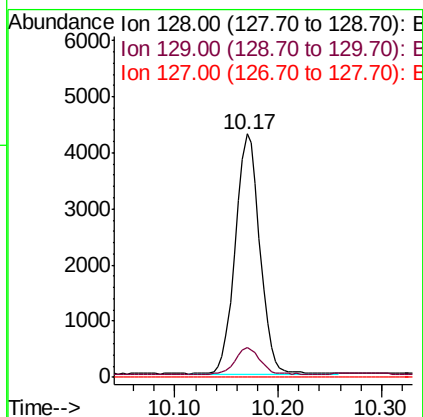
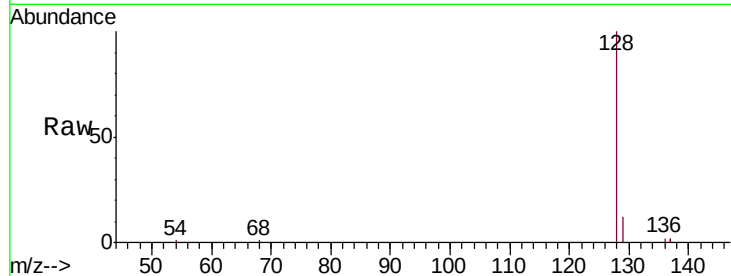
#3
Naphthalene
Concen: 0.492 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097481.D
Acq: 13 Sep 2018 9:53

Instrument :
BNA_E
ClientSampleId :
A3Z39DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.3	16.9
127	0.0	4.0	6.0

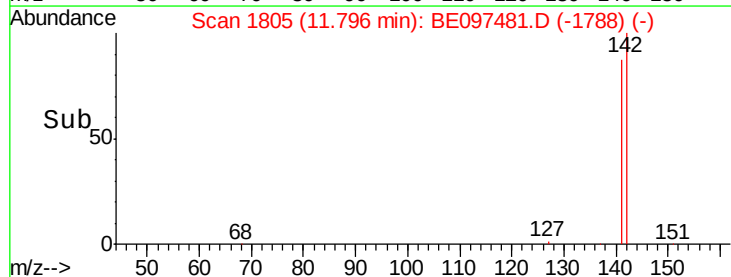
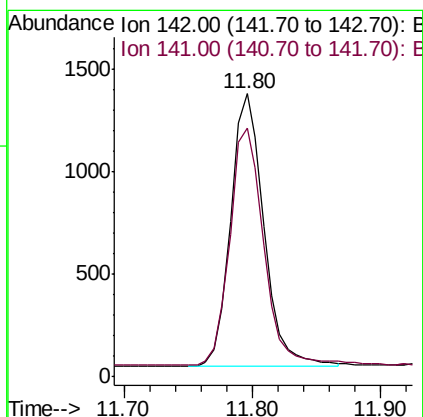
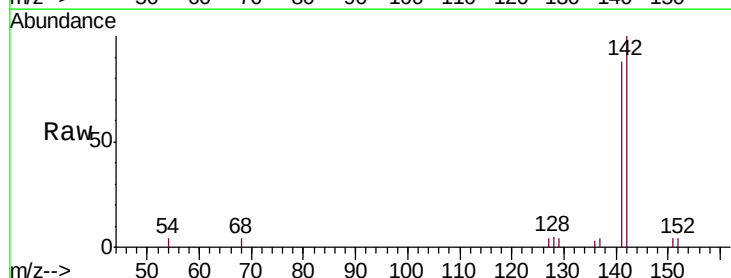
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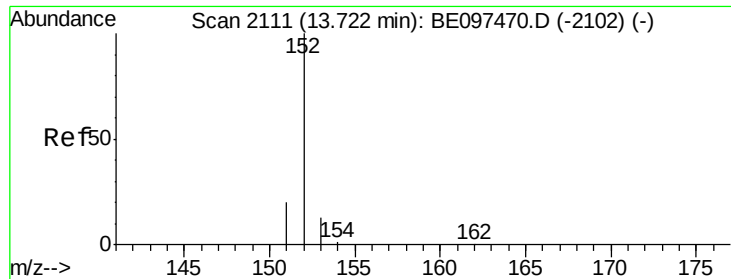
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#5
2-Methylnaphthalene
Concen: 0.265 ng/ul
RT: 11.80 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BE097481.D
Acq: 13 Sep 2018 9:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.315 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BE097481.D

Acq: 13 Sep 2018 9:53

Instrument :

BNA_E

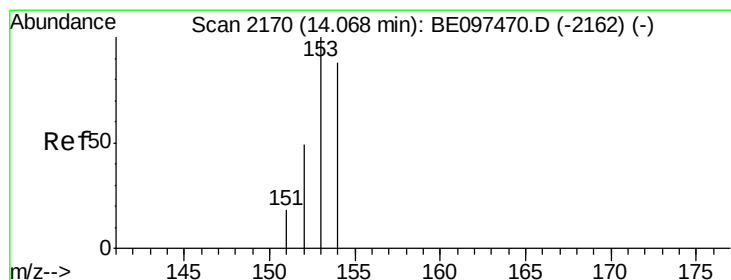
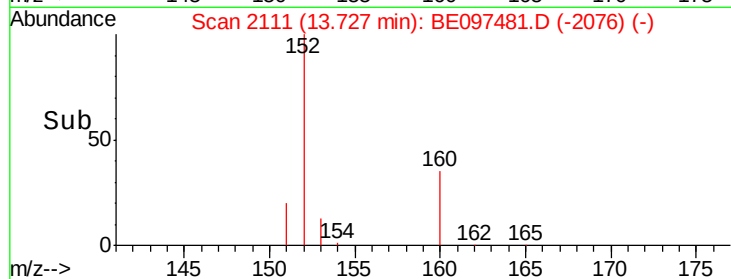
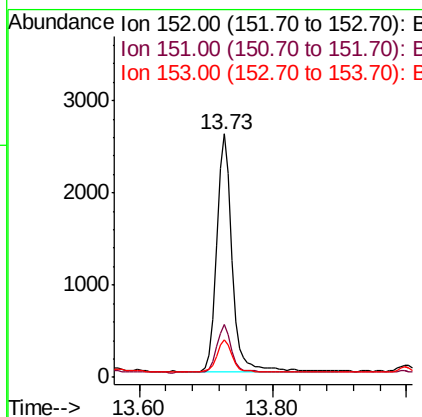
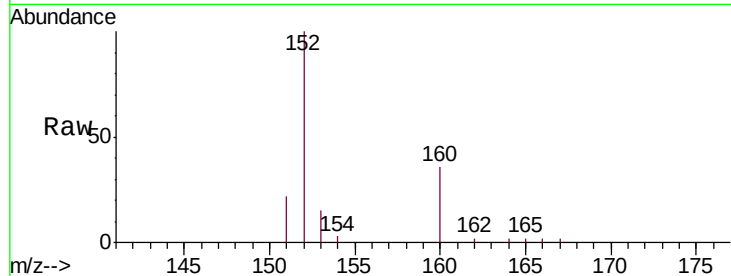
ClientSampleId :

A3Z39DL

Tgt Ion:	152	Resp:	4195
Ion Ratio		Lower	Upper
152	100		
151	21.9	17.1	25.7
153	15.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.191 ng/ul

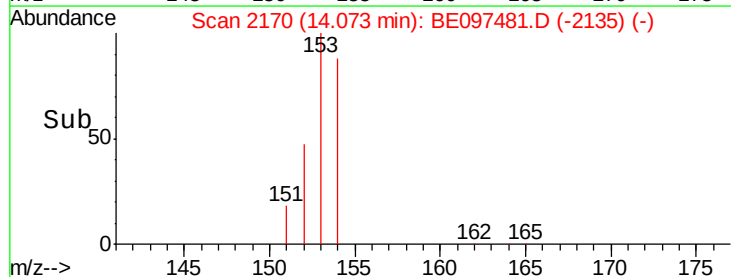
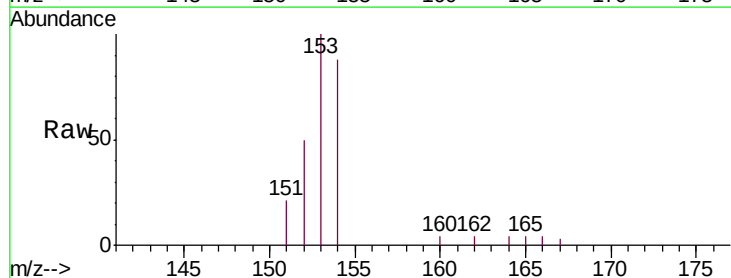
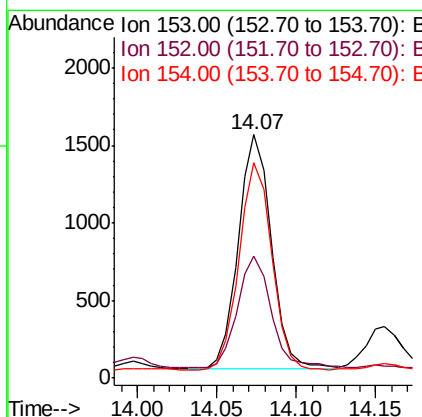
RT: 14.07 min Scan# 2170

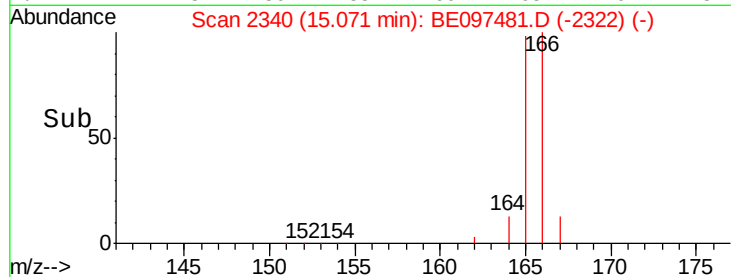
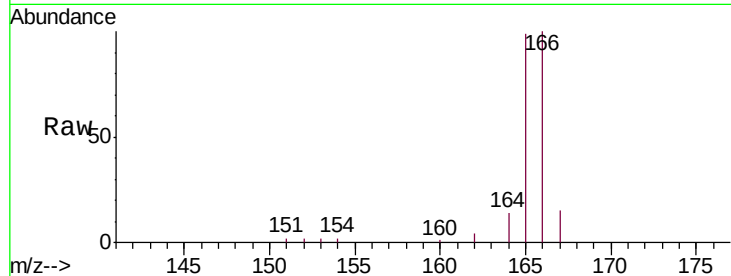
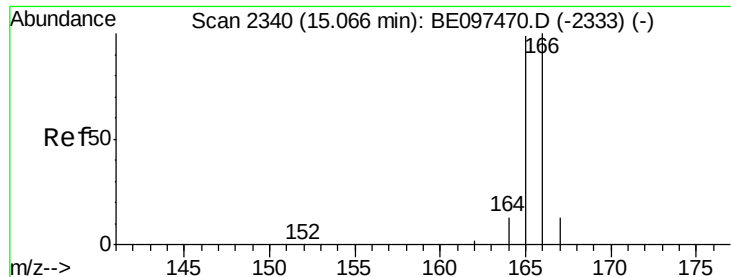
Delta R.T. 0.01 min

Lab File: BE097481.D

Acq: 13 Sep 2018 9:53

Tgt Ion:	153	Resp:	2190
Ion Ratio		Lower	Upper
153	100		
152	50.4	36.0	54.0
154	88.4	72.0	108.0





#9

Fluorene

Concen: 0.430 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BE097481.D

Acq: 13 Sep 2018 9:53

Tgt Ion:	166	Resp:	5651
Ion Ratio	Lower	Upper	
166	100		
165	98.8	73.4	110.2
167	15.5	14.6	22.0

Instrument :

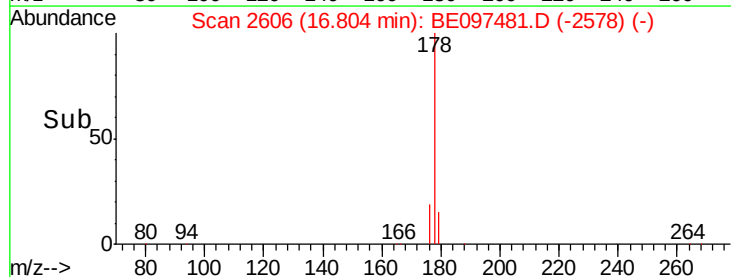
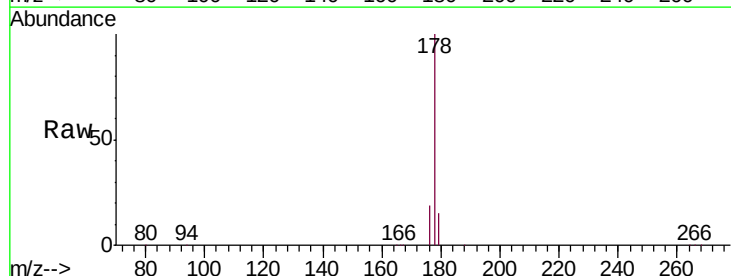
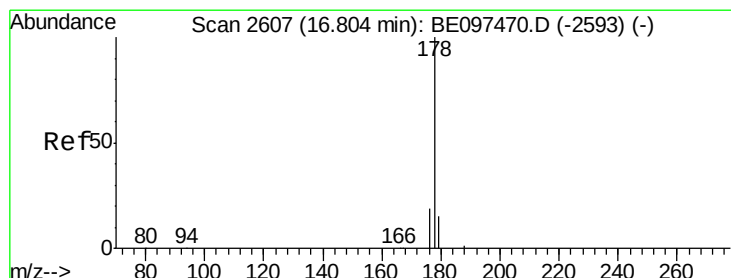
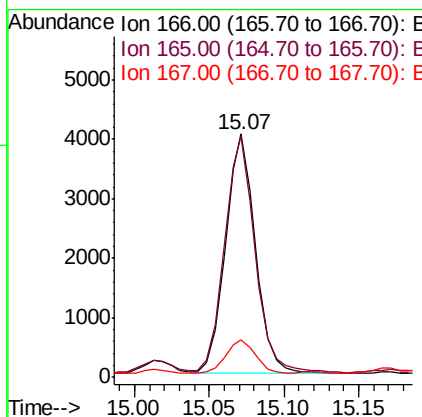
BNA_E

ClientSampled :

A3Z39DL

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#12

Phenanthrene

Concen: 1.962 ng/ul

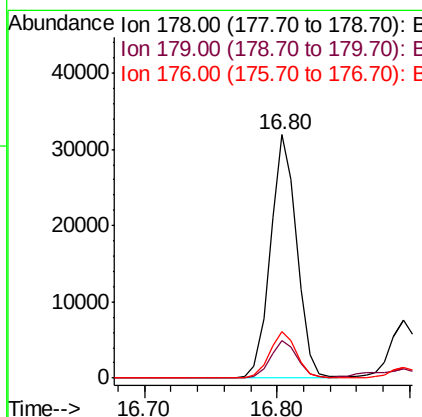
RT: 16.80 min Scan# 2606

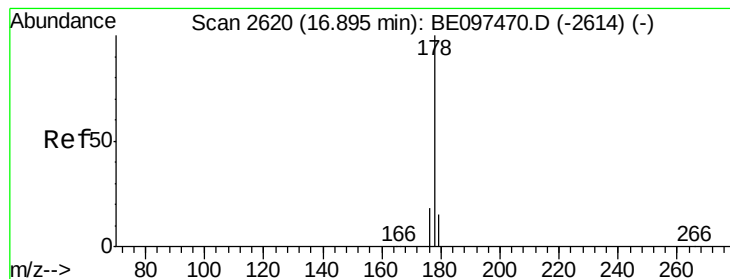
Delta R.T. 0.00 min

Lab File: BE097481.D

Acq: 13 Sep 2018 9:53

Tgt Ion:	178	Resp:	43721
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.4	27.6#
176	19.3	13.6	20.4





#13

Anthracene

Concen: 0.543 ng/ul

RT: 16.90 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BE097481.D

Acq: 13 Sep 2018 9:53

Instrument :

BNA_E

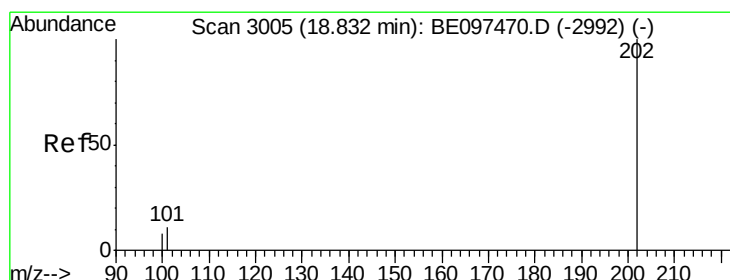
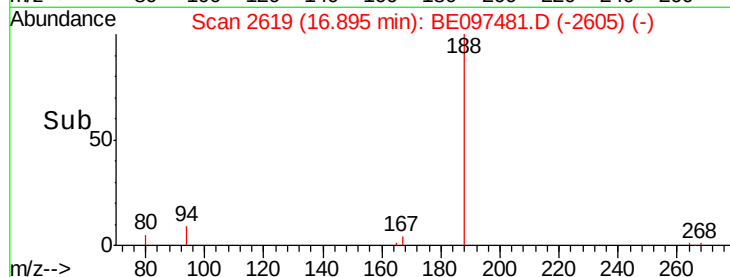
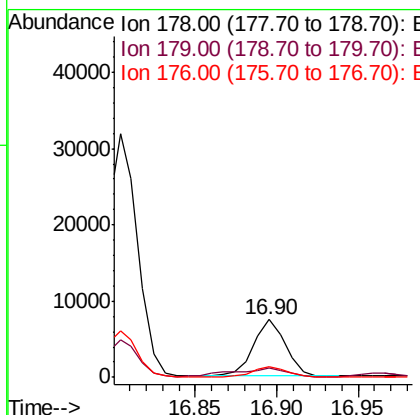
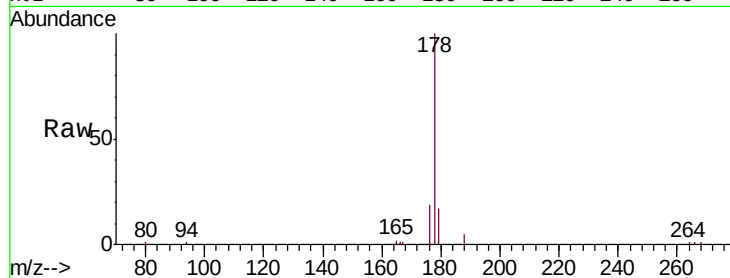
ClientSampleId :

A3Z39DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.1	27.1#
176	19.3	14.7	22.1

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#15

Fluoranthene

Concen: 1.369 ng/ul

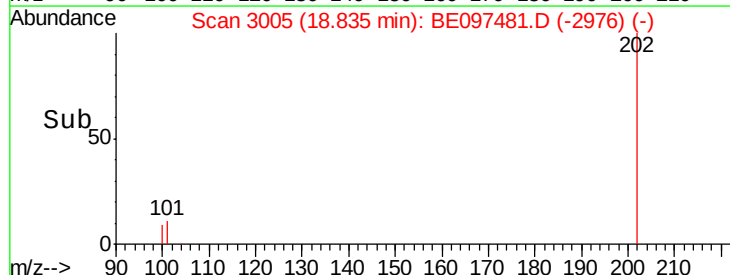
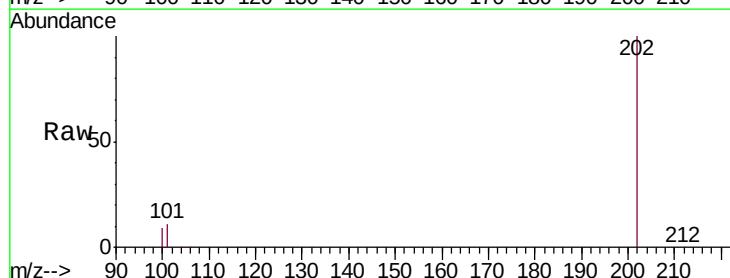
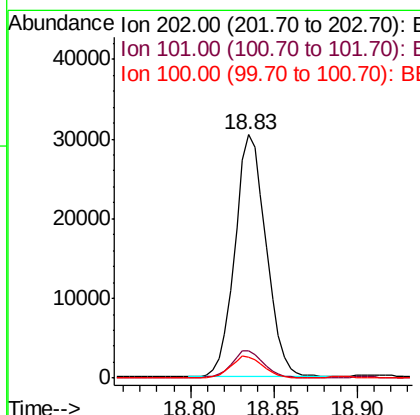
RT: 18.83 min Scan# 3005

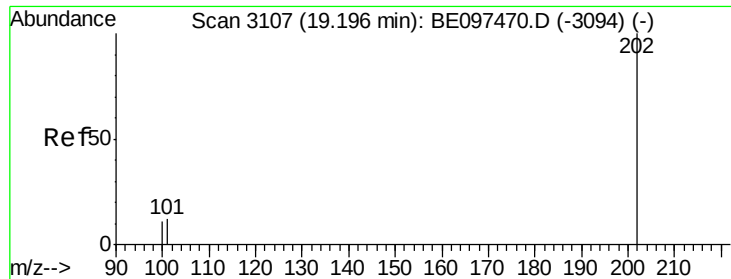
Delta R.T. 0.00 min

Lab File: BE097481.D

Acq: 13 Sep 2018 9:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	8.8	0.0	39.5





#17

Pyrene

Concen: 1.351 ng/ul

RT: 19.20 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BE097481.D

Acq: 13 Sep 2018 9:53

Instrument :

BNA_E

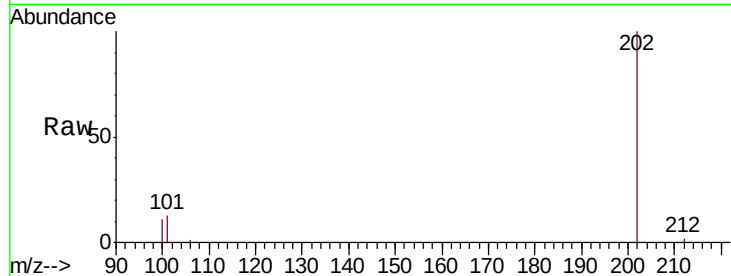
ClientSampleId :

A3Z39DL

Tgt Ion:	202	Resp:	36183
Ion Ratio	Lower	Upper	
202	100		
101	12.5	18.2	27.4#
100	10.8	15.6	23.4#

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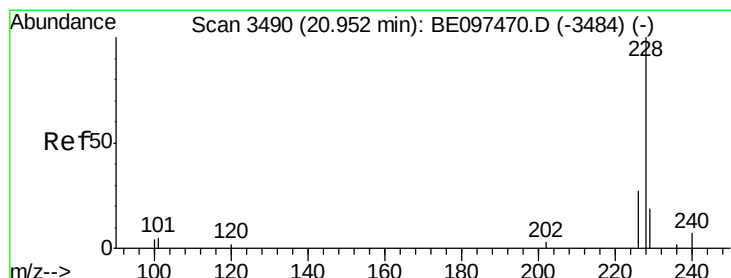
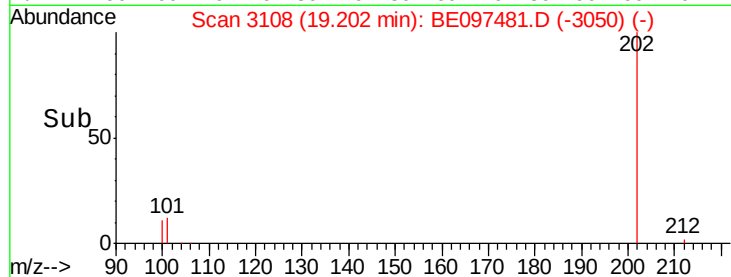
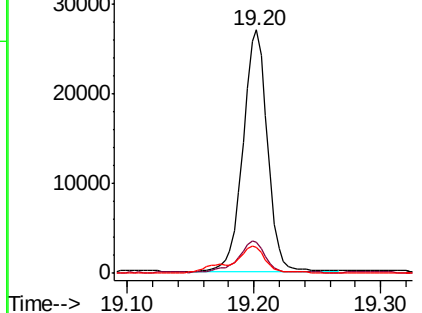
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.768 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. 0.01 min

Lab File: BE097481.D

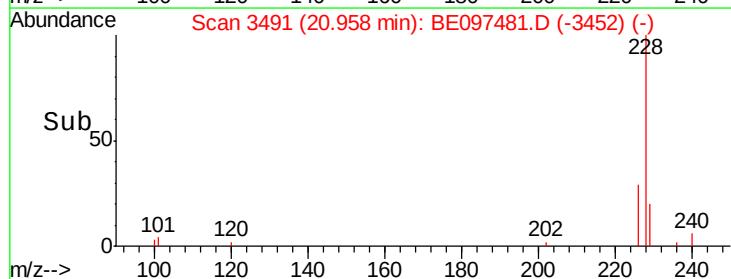
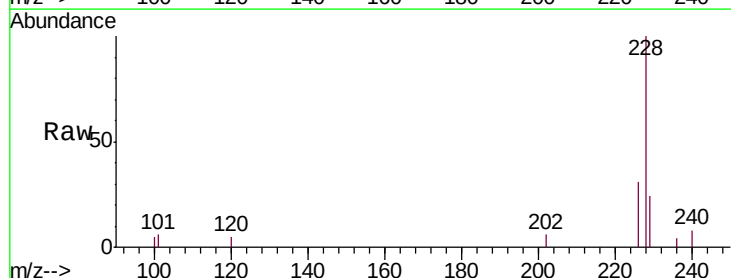
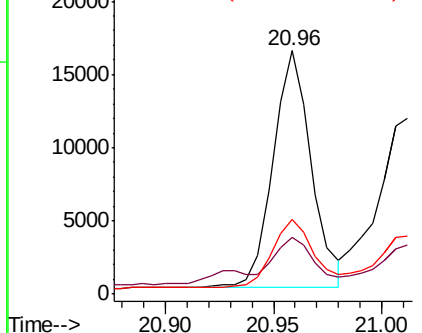
Acq: 13 Sep 2018 9:53

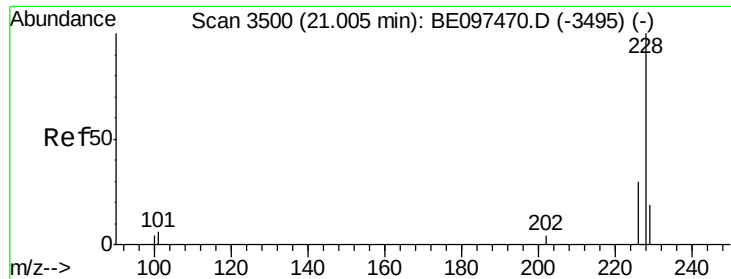
Tgt Ion:	228	Resp:	19652
Ion Ratio	Lower	Upper	
228	100		
229	23.5	22.8	34.2
226	30.6	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





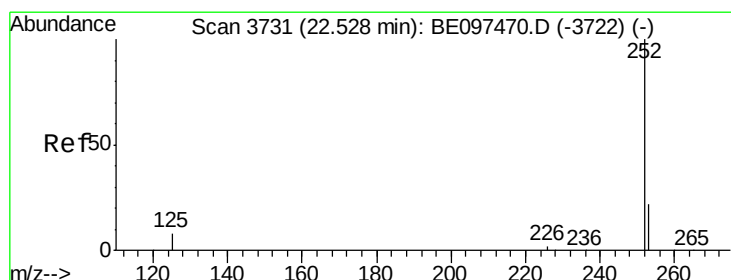
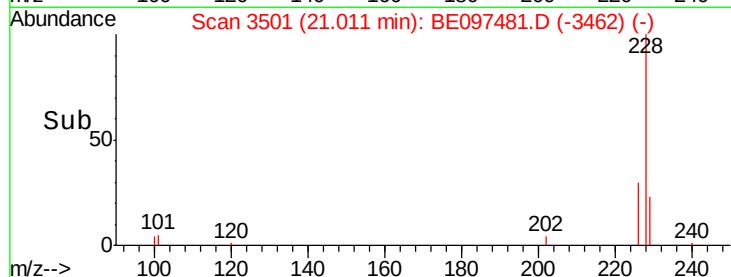
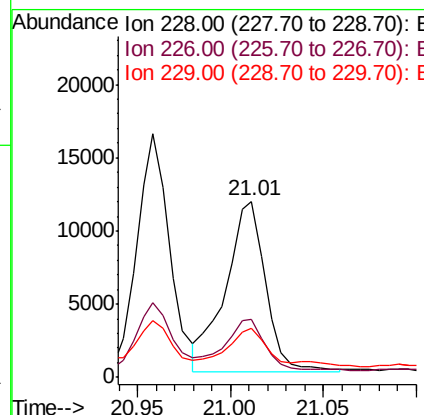
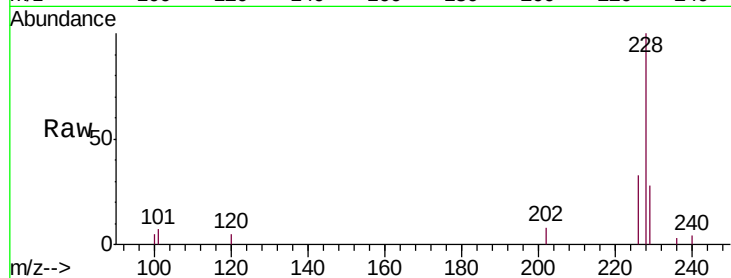
#19
Chrysene
Concen: 0.599 ng/ul m
RT: 21.01 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BE097481.D
Acq: 13 Sep 2018 9:53

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A3Z39DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	17657		
226	32.8	23.4	35.0	
229	27.7	17.7	26.5#	

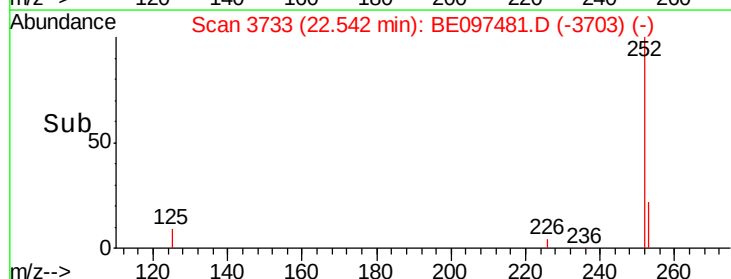
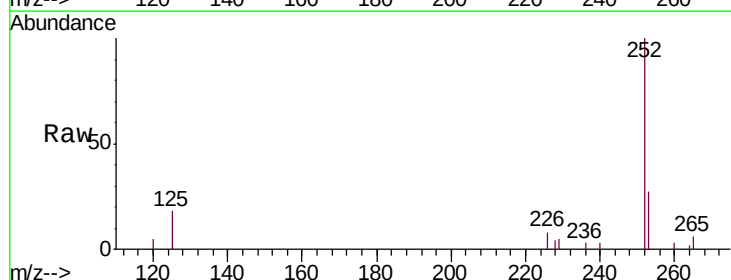
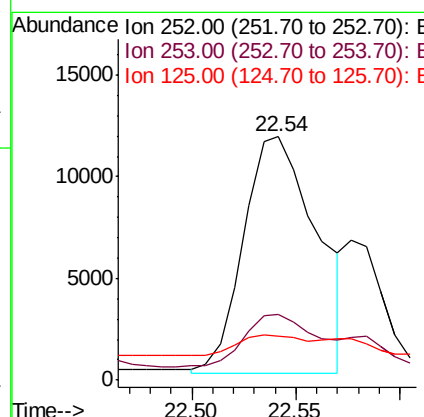
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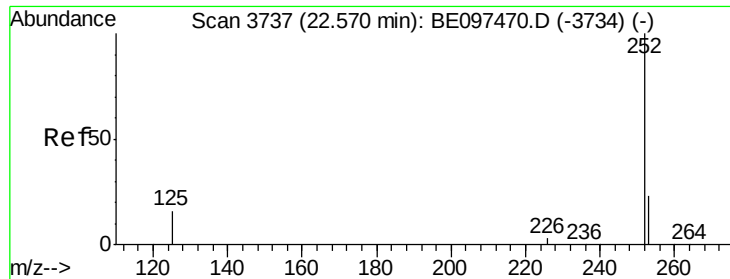
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#21
Benzo(b)fluoranthene
Concen: 1.062 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097481.D
Acq: 13 Sep 2018 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28459		
253	27.0	0.0	64.2	
125	18.3	0.0	35.0	





#22

Benzo(k)fluoranthene

Concen: 0.285 ng/ul m

RT: 22.58 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BE097481.D

Acq: 13 Sep 2018 9:53

Instrument :

BNA_E

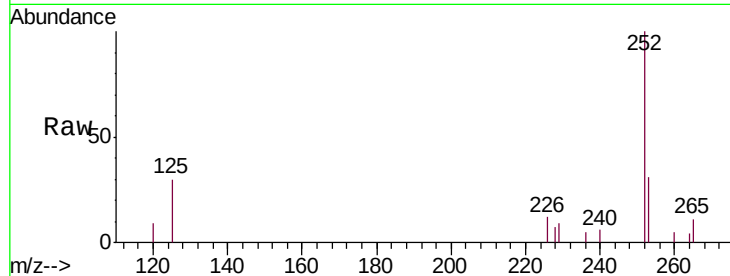
ClientSampleId :

A3Z39DL

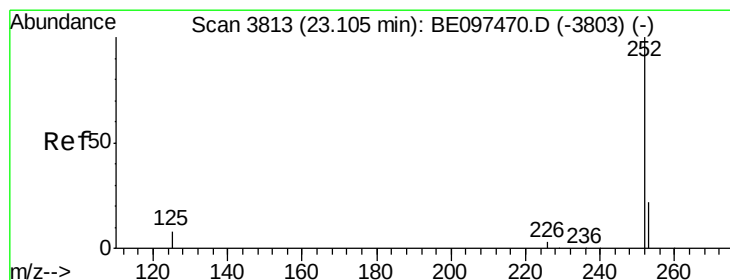
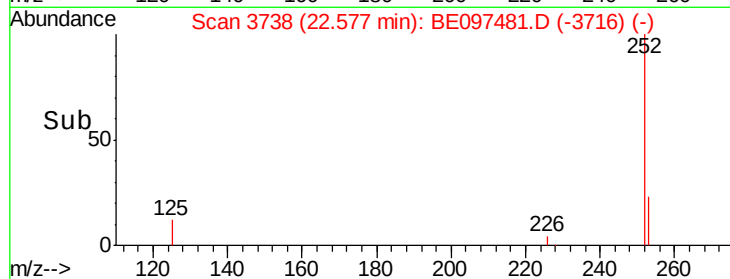
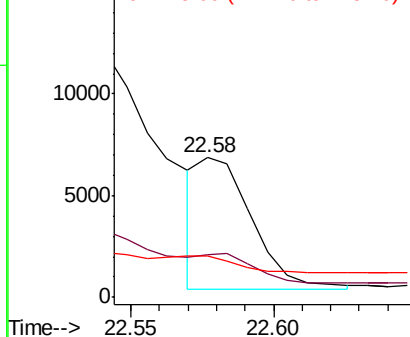
Tgt Ion:	252	Resp:	8504
Ion Ratio	Lower	Upper	
252	100		
253	30.8	24.5	36.7
125	29.9	13.7	20.5#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.866 ng/ul

RT: 23.11 min Scan# 3814

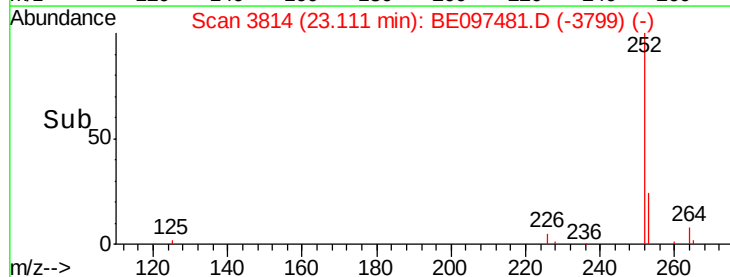
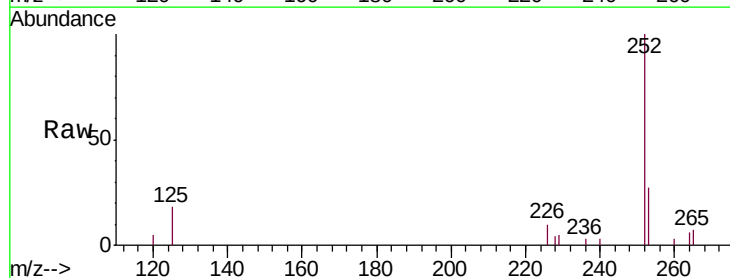
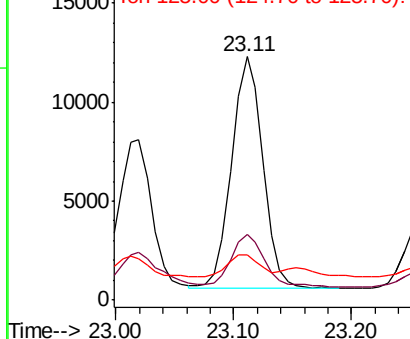
Delta R.T. 0.01 min

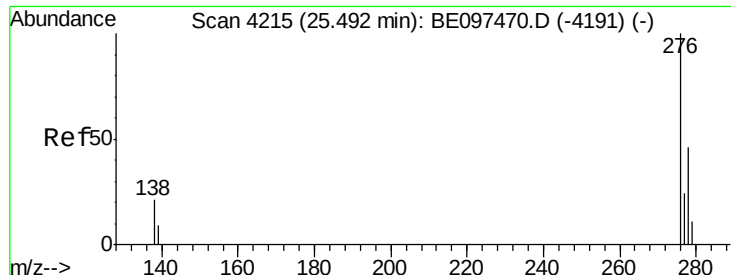
Lab File: BE097481.D

Acq: 13 Sep 2018 9:53

Tgt Ion:	252	Resp:	21470
Ion Ratio	Lower	Upper	
252	100		
253	27.2	28.5	42.7#
125	18.3	18.1	27.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





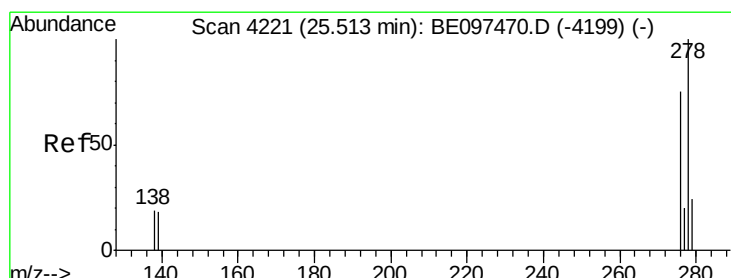
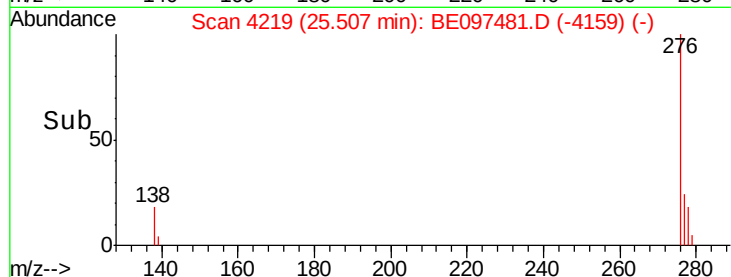
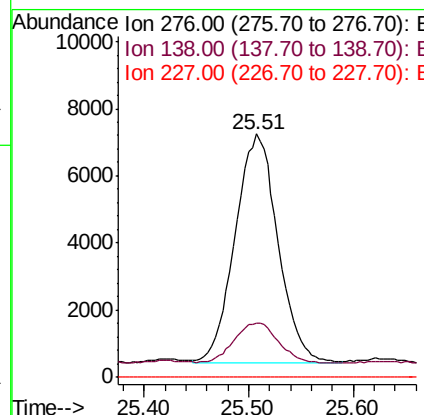
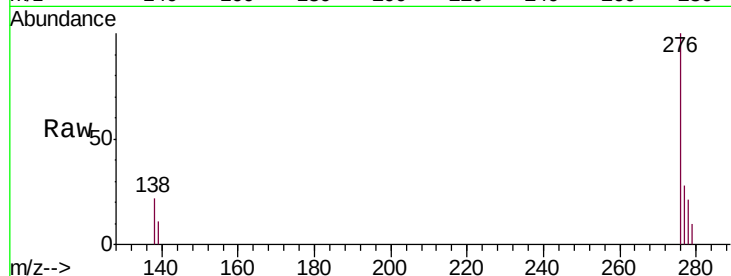
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.604 ng/ul
 RT: 25.51 min Scan# 4219
 Delta R.T. 0.02 min
 Lab File: BE097481.D
 Acq: 13 Sep 2018 9:53

Instrument :
 BNA_E
 ClientSampleID :
 A3Z39DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.5	28.0	42.0#
227	0.0	8.0	12.0#

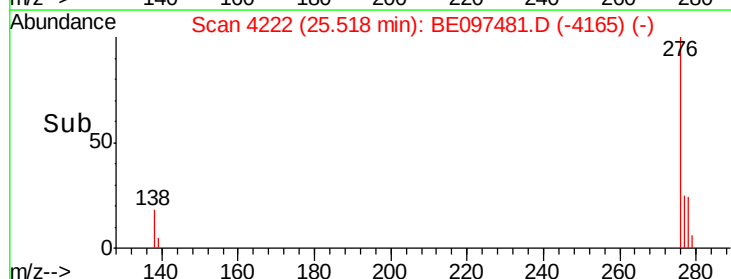
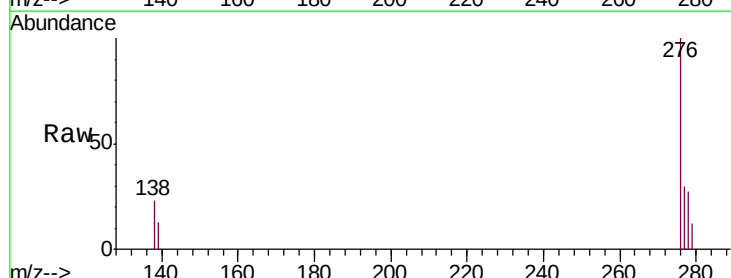
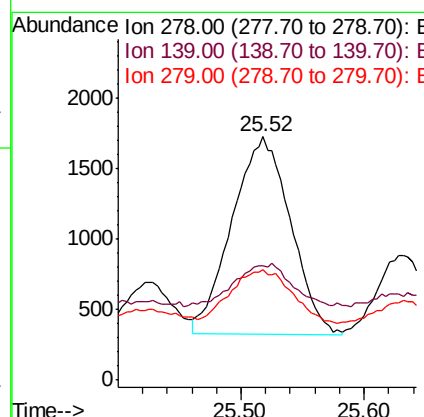
Manual Integrations
 APPROVED

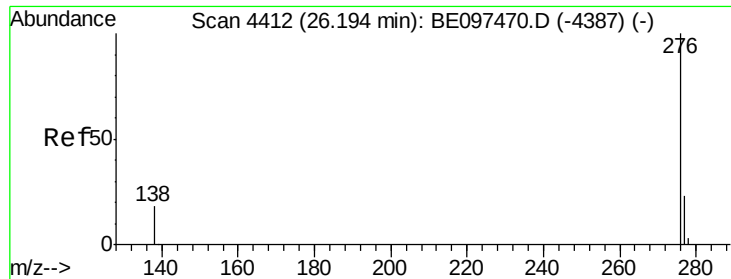
Sohil
 9/13/2018 5:43:08 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.170 ng/ul
 RT: 25.52 min Scan# 4222
 Delta R.T. 0.00 min
 Lab File: BE097481.D
 Acq: 13 Sep 2018 9:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	46.9	17.4	26.0#
279	45.4	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.632 ng/ul

RT: 26.21 min Scan# 4416

Delta R.T. 0.02 min

Lab File: BE097481.D

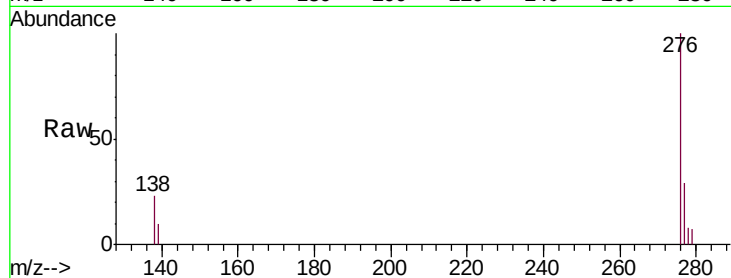
Acq: 13 Sep 2018 9:53

Instrument :

BNA_E

ClientSampleId :

A3Z39DL



Tgt	Ion	276	Resp:	17325
Ion	Ratio	Lower	Upper	
276	100			
138	23.3	21.8	32.8	
277	28.9	20.5	30.7	

Manual Integrations
APPROVED

Sohil
9/13/2018 5:43:08 PM

