

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097462.D
 Acq On : 12 Sep 2018 22:05
 Operator : SJ/JU
 Sample : J4792-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z39

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:28 PM

Quant Time: Sep 13 02:44:21 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 01:51:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	913	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4897	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3601	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9246	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10162	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9800m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1371	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	4939	0.16	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.17	128	27676	2.318	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	10017	1.327	ng/ul	98
7) Acenaphthylene	13.72	152	19314	1.473	ng/ul	97
8) Acenaphthene	14.07	153	9545	0.846	ng/ul	95
9) Fluorene	15.06	166	26409	2.044	ng/ul#	93
12) Phenanthrene	16.80	178	209022	8.782	ng/ul#	89
13) Anthracene	16.89	178	49932	2.495	ng/ul#	92
15) Fluoranthene	18.83	202	193973	6.344	ng/ul	84
17) Pyrene	19.20	202	182214	6.663	ng/ul#	78
18) Benzo(a)anthracene	20.95	228	92850	3.557	ng/ul#	85
19) Chrysene	21.00	228	81591	2.713	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	126027m	4.802	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	45317m	1.548	ng/ul	
23) Benzo(a)pyrene	23.10	252	103789	4.275	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.49	276	89988	2.860	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.50	278	21508m	0.807	ng/ul	
26) Benzo(g,h,i)perylene	26.19	276	79580	2.966	ng/ul#	90

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

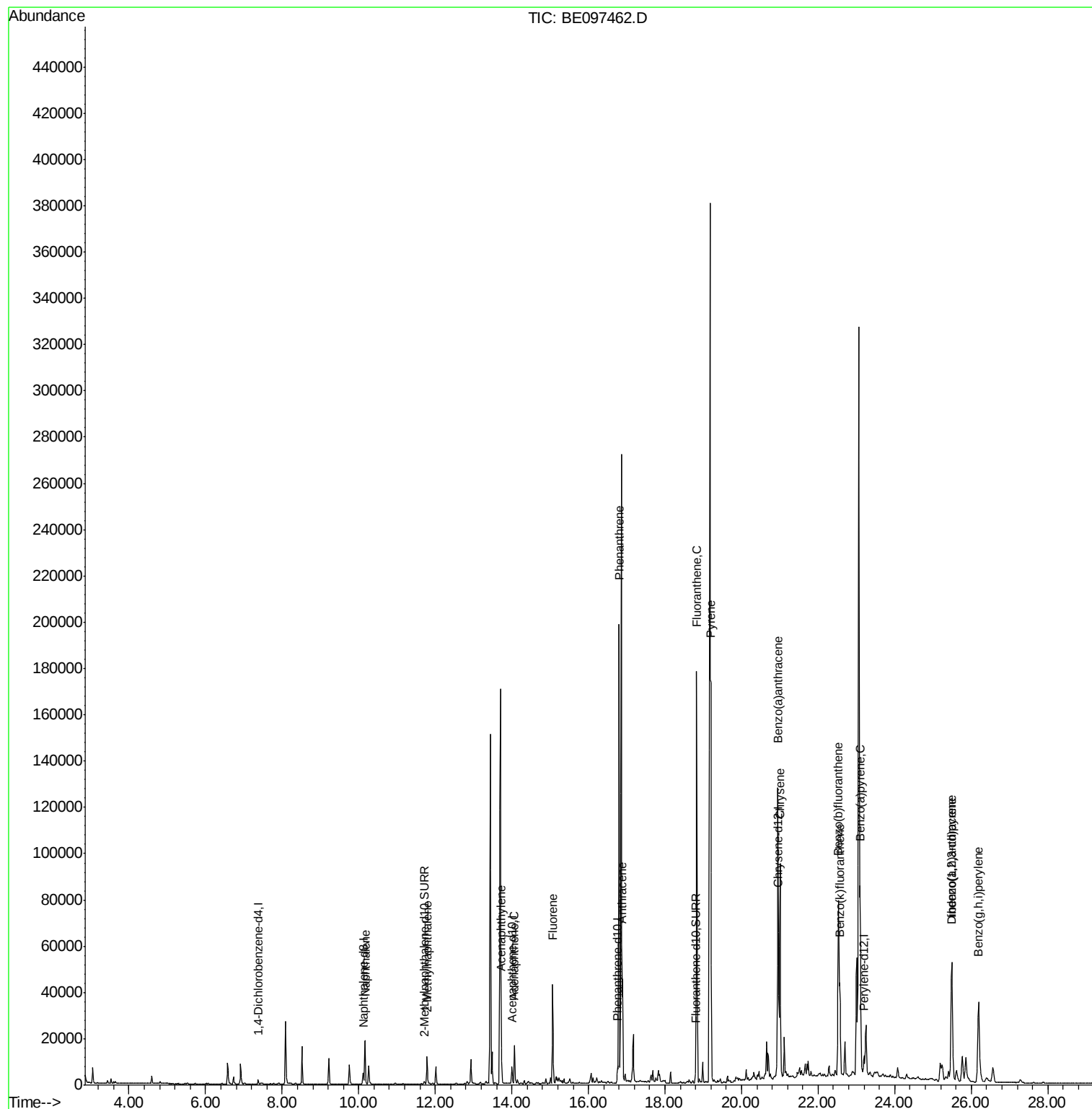
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
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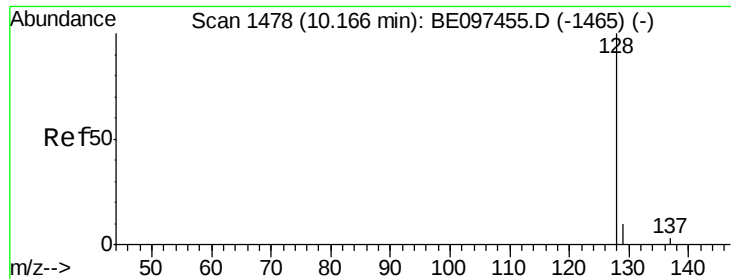
Instrument :
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Quant Time: Sep 13 02:44:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
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#3

Naphthalene

Concen: 2.318 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097462.D

Acq: 12 Sep 2018 22:05

Instrument :

BNA_E

ClientSampleId :

A3Z39

Tgt Ion:128 Resp: 27676

Ion Ratio Lower Upper

128 100

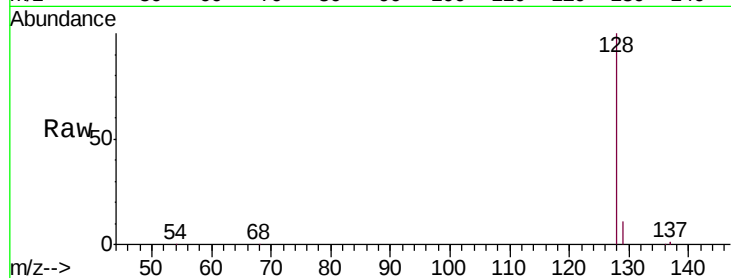
129 11.1 11.3 16.9#

127 0.0 4.0 6.0#

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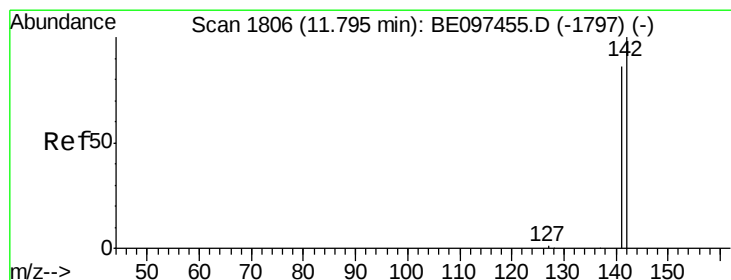
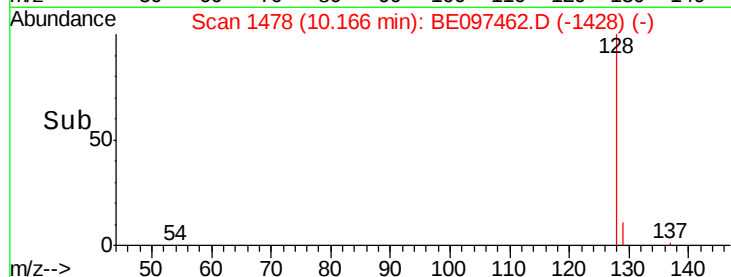
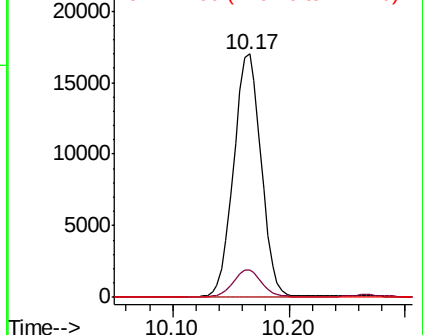
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.327 ng/ul

RT: 11.79 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BE097462.D

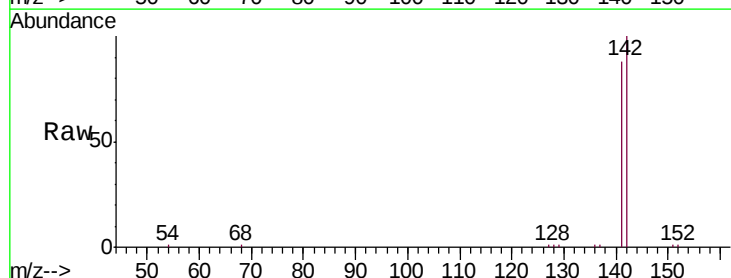
Acq: 12 Sep 2018 22:05

Tgt Ion:142 Resp: 10017

Ion Ratio Lower Upper

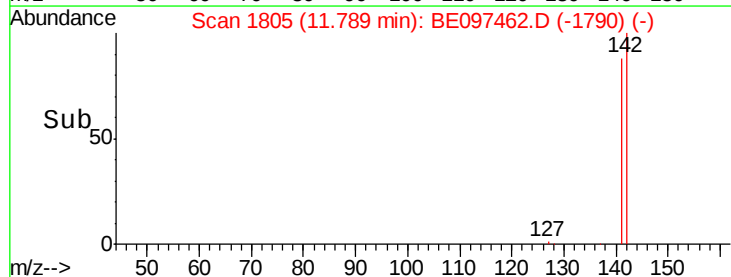
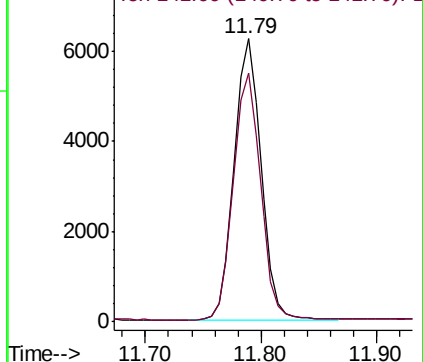
142 100

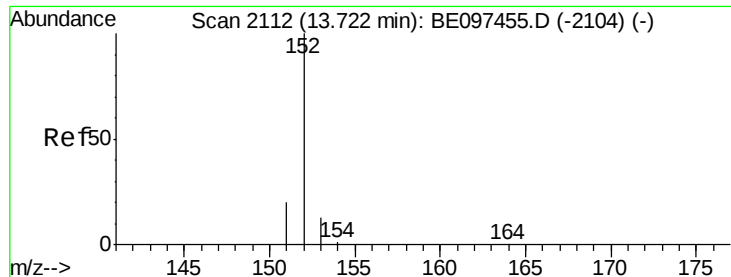
141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.473 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097462.D

Acq: 12 Sep 2018 22:05

Instrument :

BNA_E

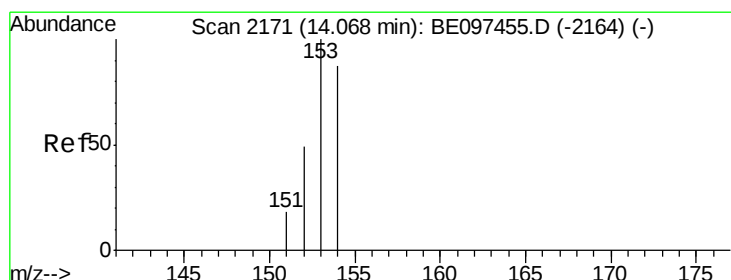
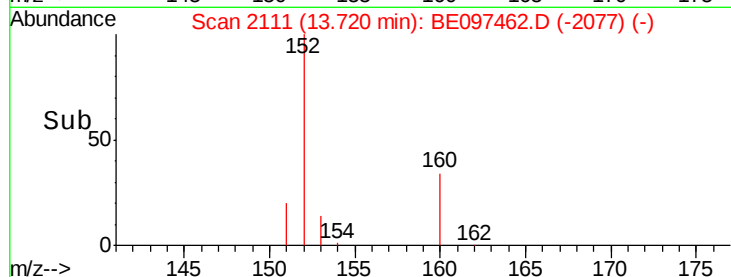
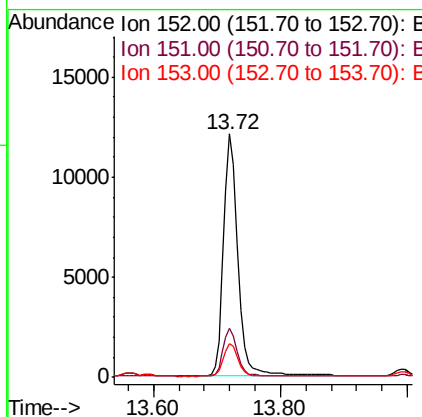
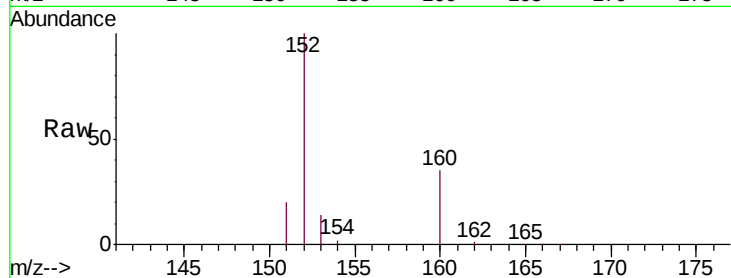
ClientSampleId :

A3Z39

Tgt Ion:	152	Resp:	19314
Ion Ratio		Lower	Upper
152	100		
151	20.2	17.1	25.7
153	14.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.846 ng/ul

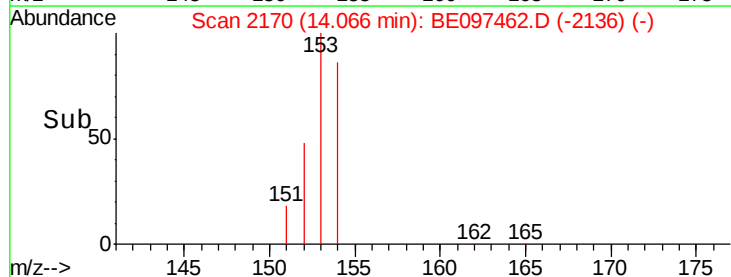
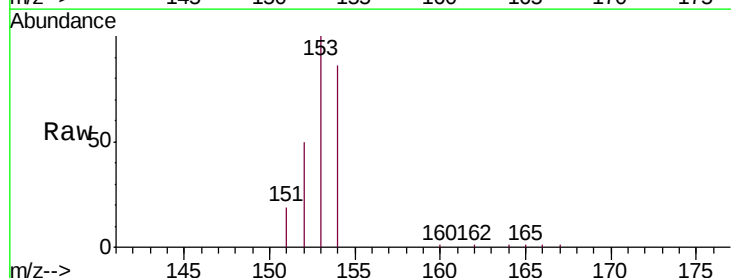
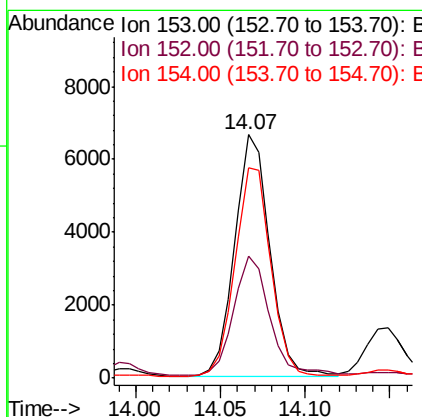
RT: 14.07 min Scan# 2170

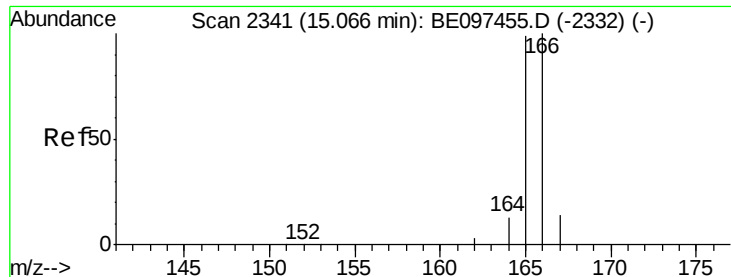
Delta R.T. -0.00 min

Lab File: BE097462.D

Acq: 12 Sep 2018 22:05

Tgt Ion:	153	Resp:	9545
Ion Ratio		Lower	Upper
153	100		
152	49.9	36.0	54.0
154	86.4	72.0	108.0





#9

Fluorene

Concen: 2.044 ng/ul

RT: 15.06 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE097462.D

Acq: 12 Sep 2018 22:05

Instrument :

BNA_E

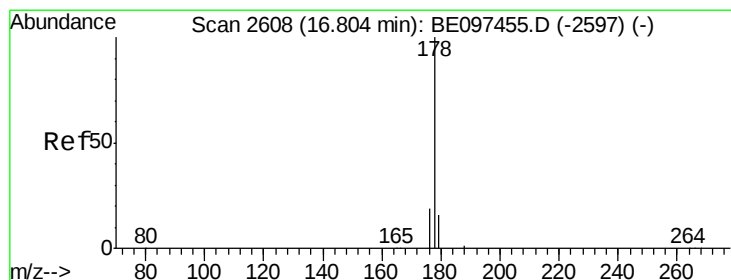
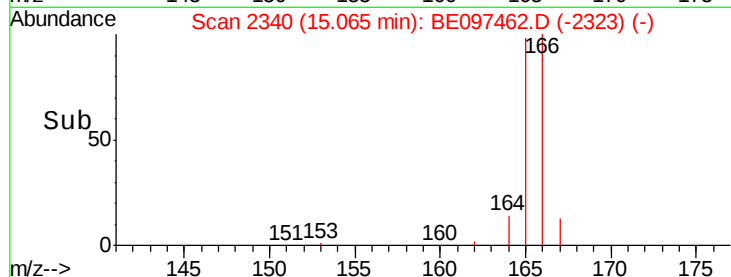
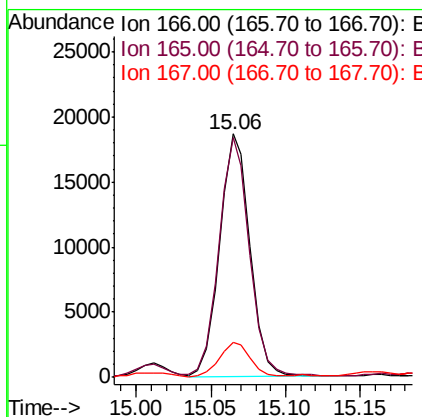
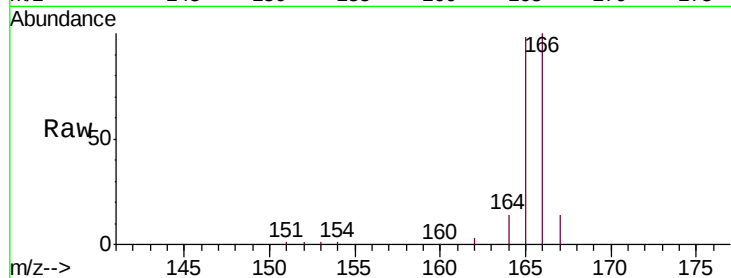
ClientSampleId :

A3Z39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	73.4	110.2
167	14.3	14.6	22.0

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#12

Phenanthrene

Concen: 8.782 ng/ul

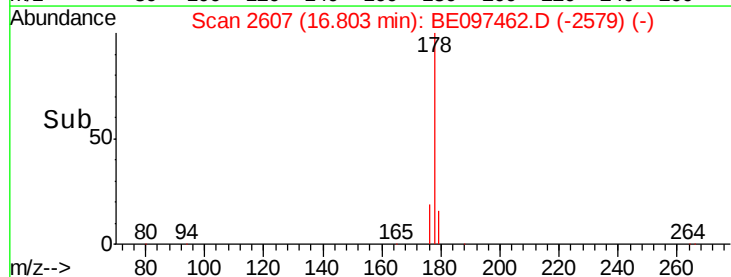
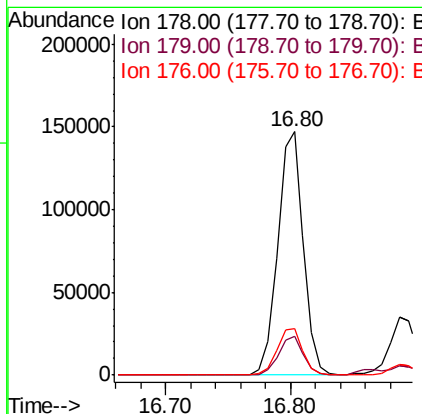
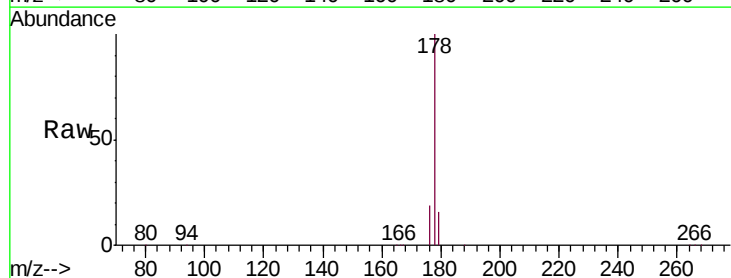
RT: 16.80 min Scan# 2607

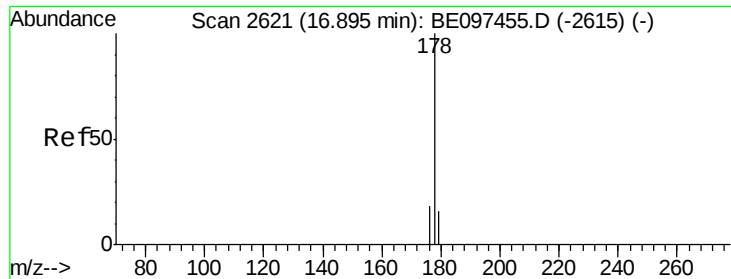
Delta R.T. -0.00 min

Lab File: BE097462.D

Acq: 12 Sep 2018 22:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6
176	18.9	13.6	20.4





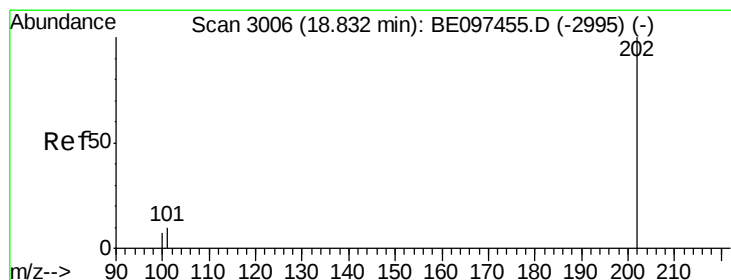
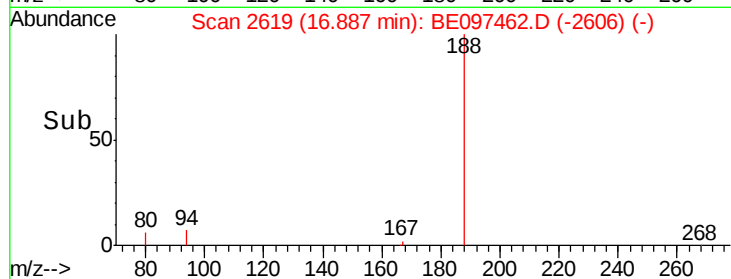
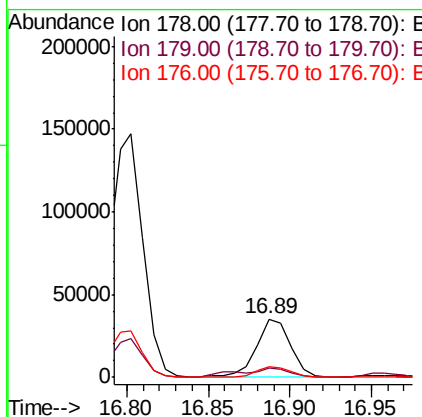
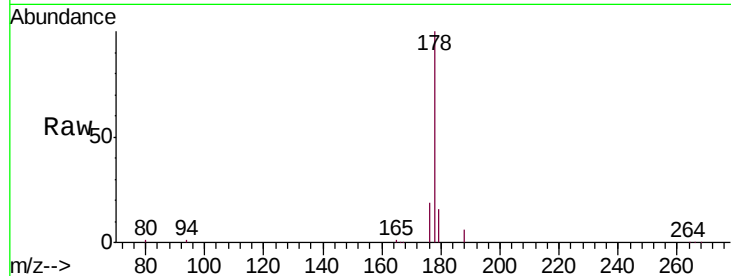
#13
 Anthracene
 Concen: 2.495 ng/ul
 RT: 16.89 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BE097462.D
 Acq: 12 Sep 2018 22:05

Instrument :
 BNA_E
 ClientSampleId :
 A3Z39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.1	27.1#
176	19.1	14.7	22.1

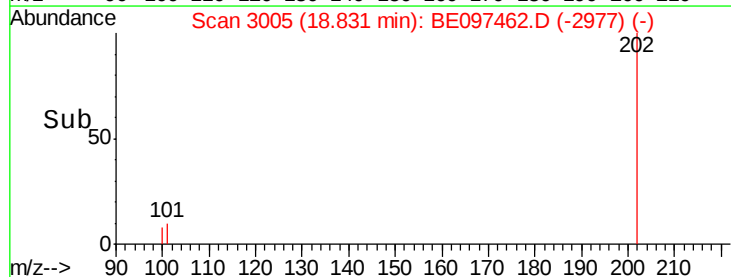
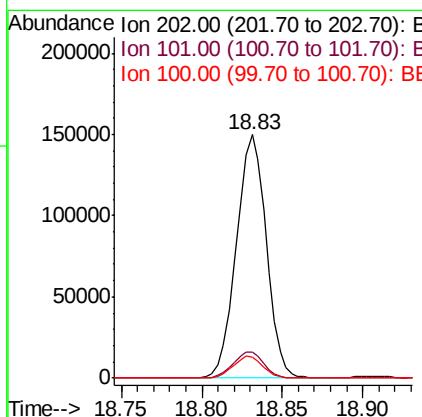
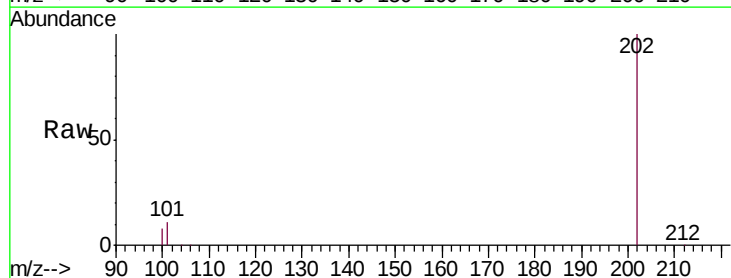
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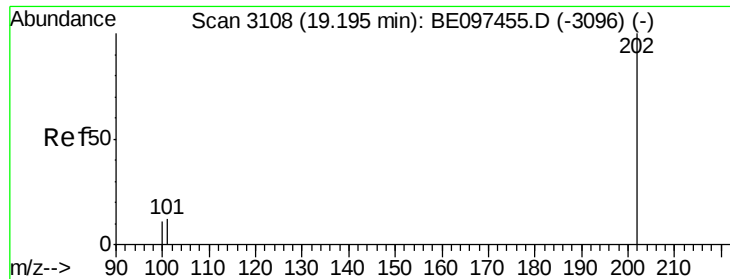
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#15
 Fluoranthene
 Concen: 6.344 ng/ul
 RT: 18.83 min Scan# 3005
 Delta R.T. -0.00 min
 Lab File: BE097462.D
 Acq: 12 Sep 2018 22:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.4	0.0	39.5





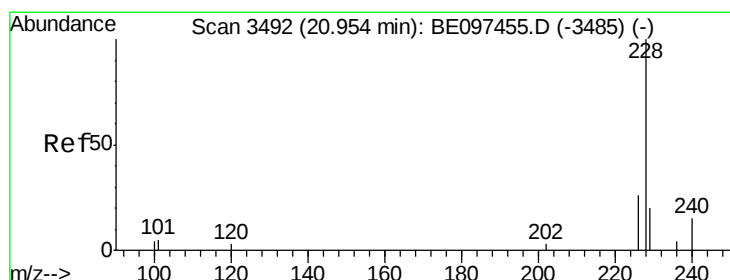
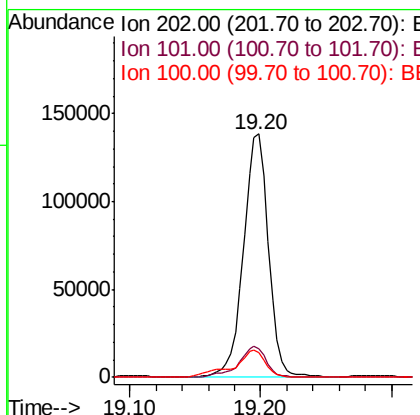
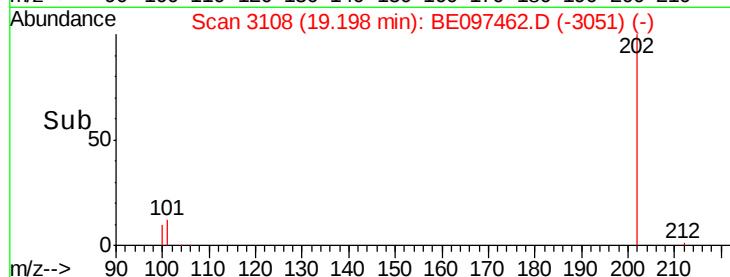
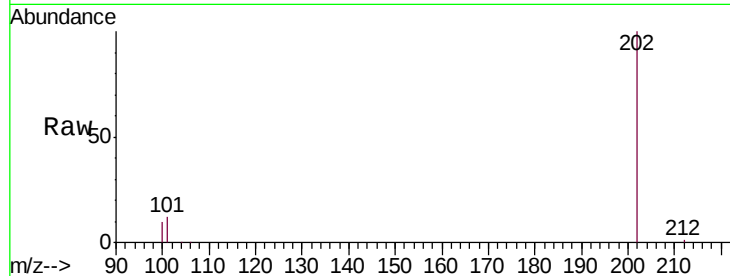
#17
Pyrene
Concen: 6.663 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097462.D
Acq: 12 Sep 2018 22:05

Instrument :
BNA_E
ClientSampleId :
A3Z39

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	18.2	27.4#
100	9.9	15.6	23.4#

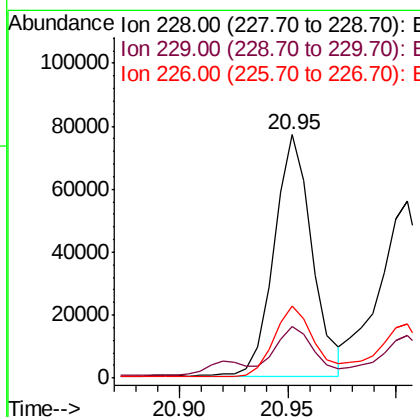
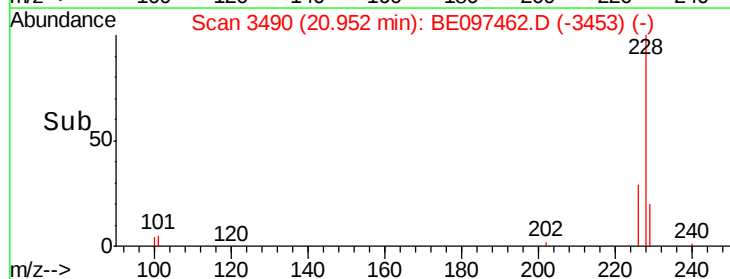
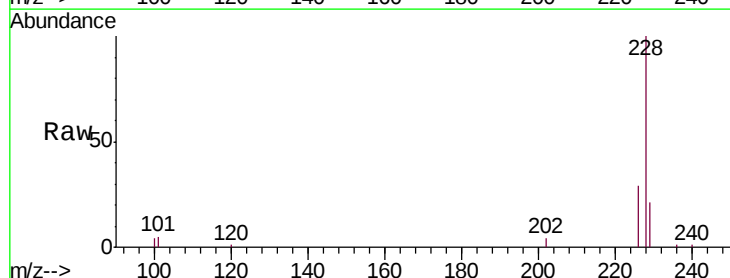
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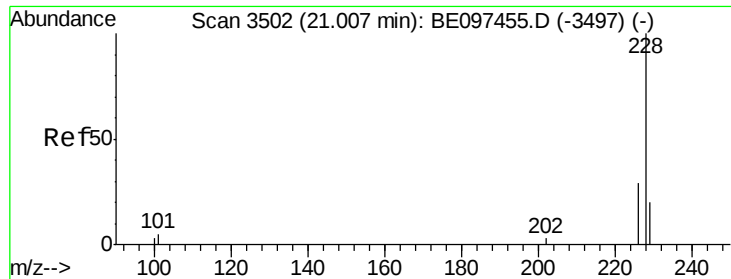
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#18
Benzo(a)anthracene
Concen: 3.557 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097462.D
Acq: 12 Sep 2018 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	22.8	34.2#
226	29.4	17.0	25.6#





#19

Chrysene

Concen: 2.713 ng/ul

RT: 21.00 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097462.D

Acq: 12 Sep 2018 22:05

Instrument :

BNA_E

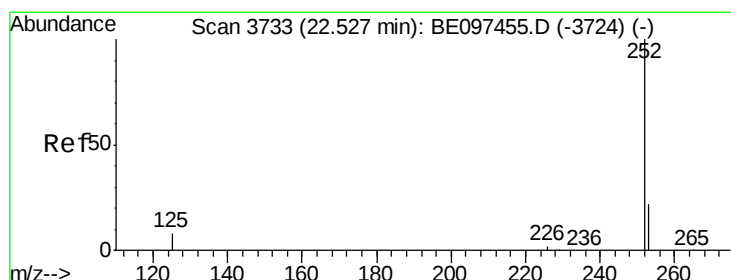
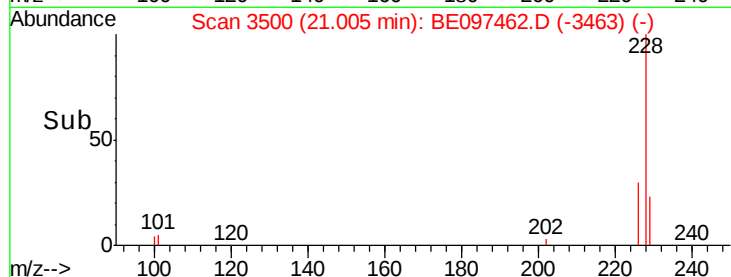
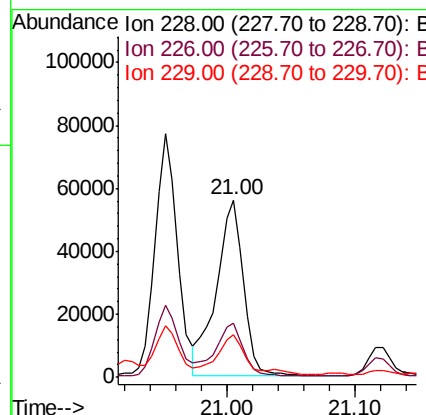
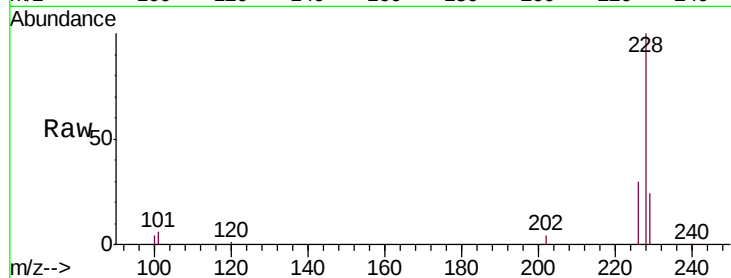
ClientSampled :

A3Z39

Tgt Ion:	228	Resp:	81591
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	24.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.802 ng/ul m

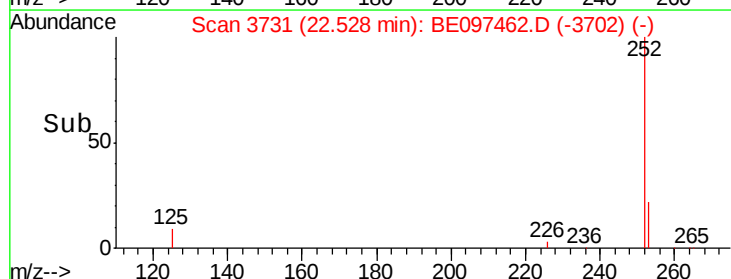
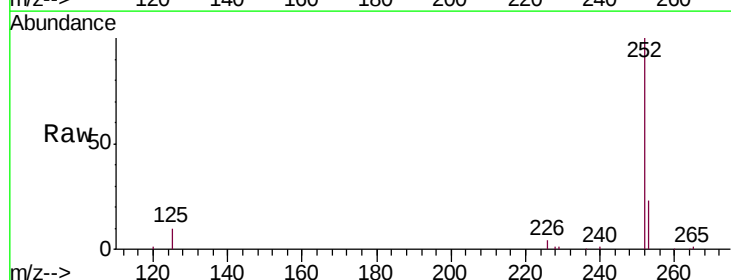
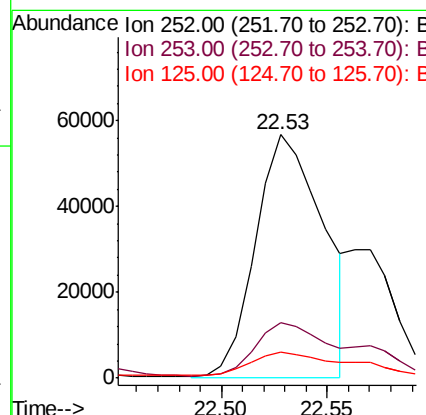
RT: 22.53 min Scan# 3731

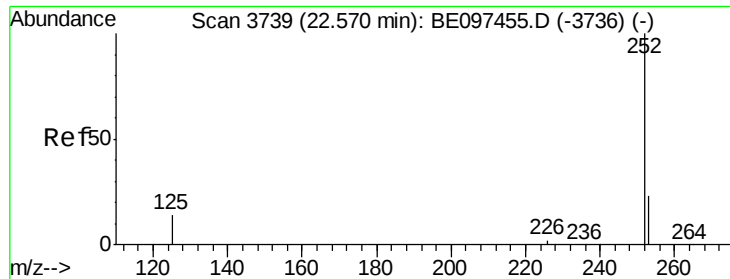
Delta R.T. 0.00 min

Lab File: BE097462.D

Acq: 12 Sep 2018 22:05

Tgt Ion:	252	Resp:	126027
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	64.2
125	10.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.548 ng/ul

RT: 22.56 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BE097462.D

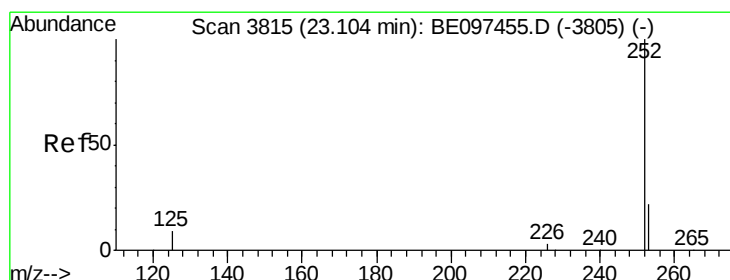
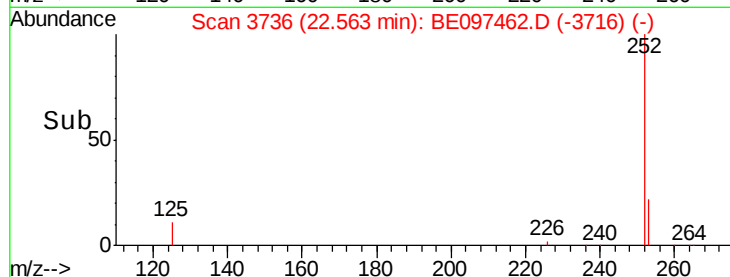
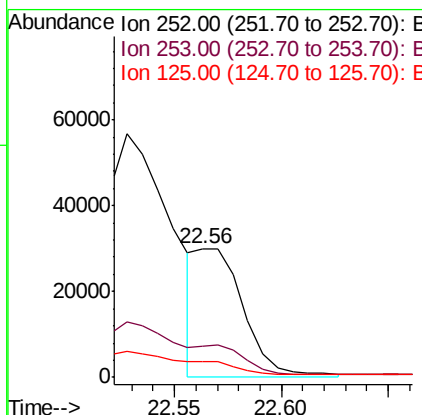
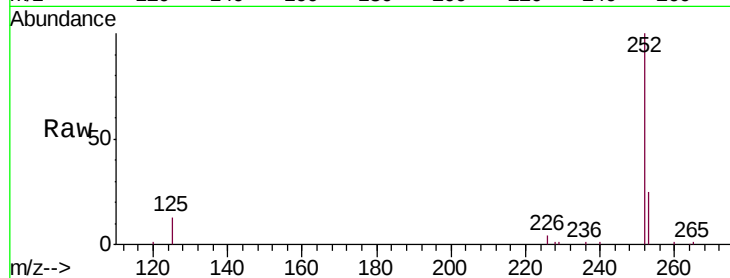
Acq: 12 Sep 2018 22:05

Instrument :
BNA_E
ClientSampleId :
A3Z39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7
125	12.7	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 4.275 ng/ul

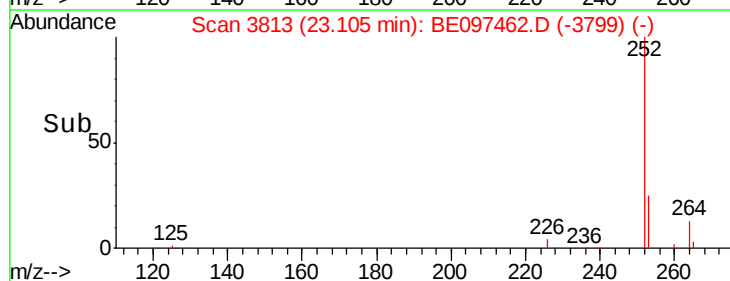
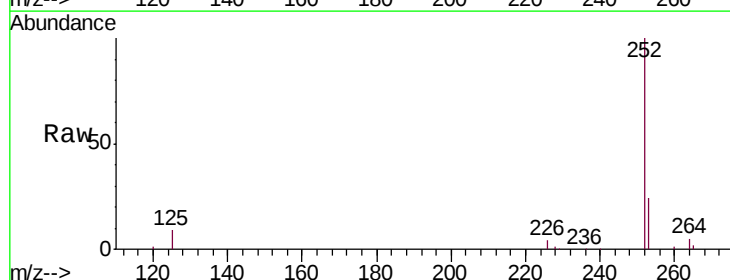
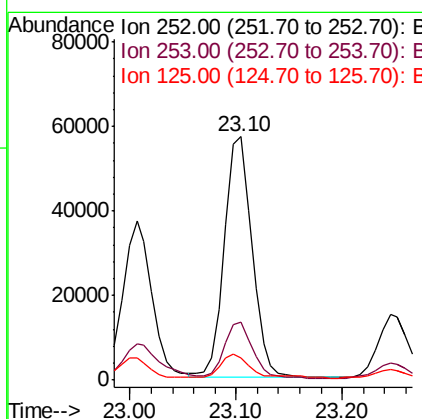
RT: 23.10 min Scan# 3813

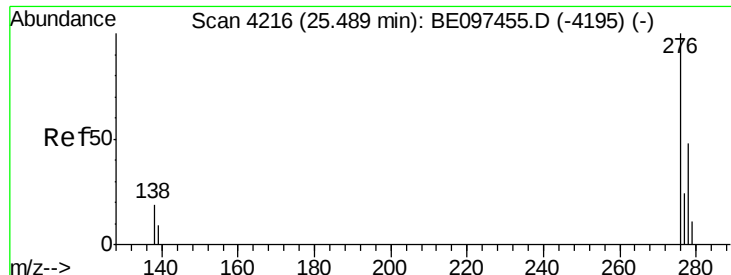
Delta R.T. 0.00 min

Lab File: BE097462.D

Acq: 12 Sep 2018 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	9.3	18.1	27.1#





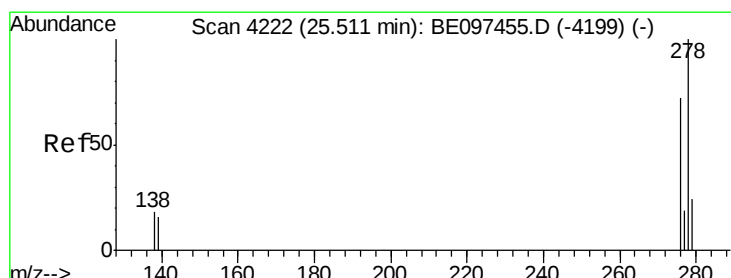
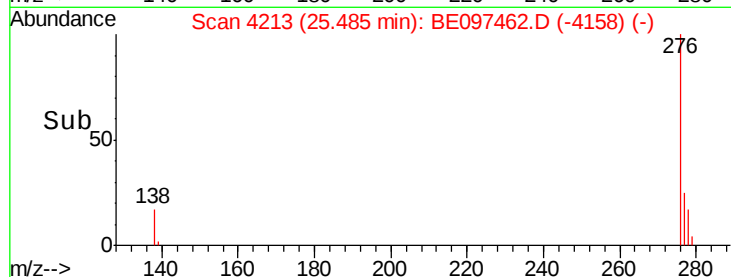
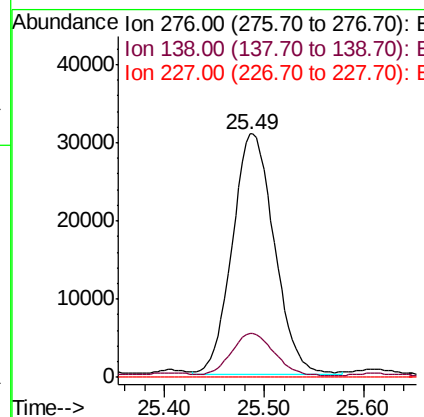
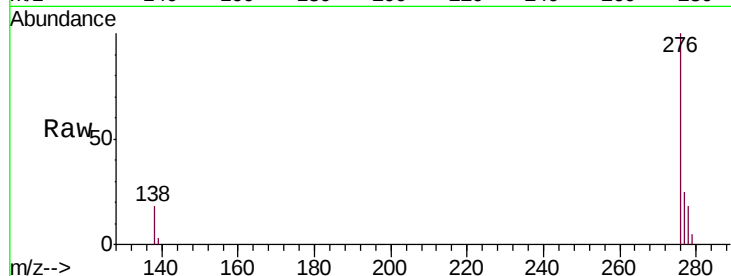
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.860 ng/ul
 RT: 25.49 min Scan# 4213
 Delta R.T. -0.00 min
 Lab File: BE097462.D
 Acq: 12 Sep 2018 22:05

Instrument :
 BNA_E
 ClientSampleId :
 A3Z39

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	17.6	28.0	42.0#
227	0.0	8.0	12.0#

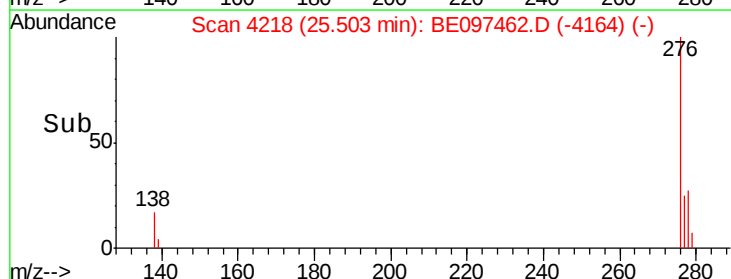
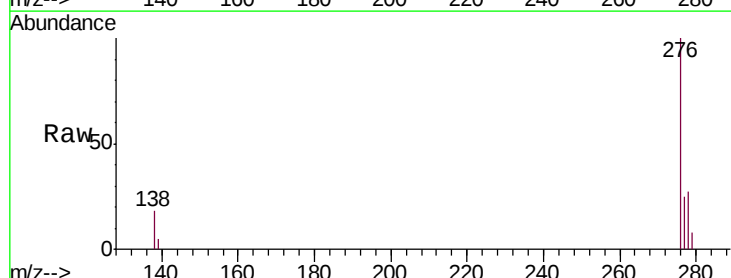
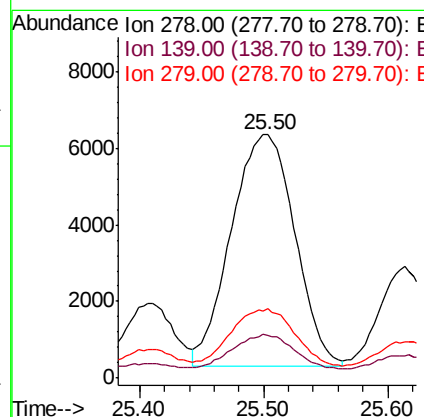
Manual Integrations
 APPROVED

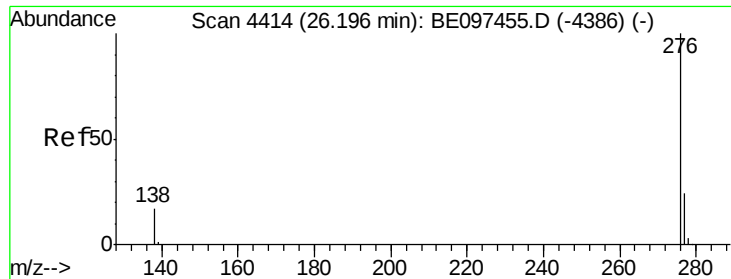
Sohil
 9/13/2018 5:42:28 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.807 ng/ul m
 RT: 25.50 min Scan# 4218
 Delta R.T. -0.01 min
 Lab File: BE097462.D
 Acq: 12 Sep 2018 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.3	17.4	26.0#
279	28.3	25.9	38.9





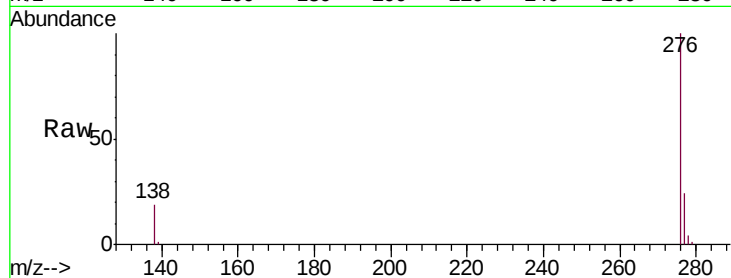
#26
 Benzo(g,h,i)perylene
 Concen: 2.966 ng/ul
 RT: 26.19 min Scan# 4410
 Delta R.T. -0.01 min
 Lab File: BE097462.D
 Acq: 12 Sep 2018 22:05

Instrument :
 BNA_E
 ClientSampleId :
 A3Z39

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.7	21.8	32.8#
277	24.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:28 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

