

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097469.D
 Acq On : 13 Sep 2018 2:28
 Operator : SJ/JU
 Sample : J4792-18DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ3DL

Manual Integrations
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Sohil
 9/13/2018 5:42:37 PM

Quant Time: Sep 13 04:14:12 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	7.38	152	997	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5667	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3925	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	10010	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11283	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	11983	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	459	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1595	0.05	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.17	128	3237	0.234	ng/ul#	94
5) 2-Methylnaphthalene	11.79	142	1162	0.133	ng/ul	98
7) Acenaphthylene	13.72	152	476	0.033	ng/ul#	63
8) Acenaphthene	14.07	153	4293	0.349	ng/ul	95
9) Fluorene	15.07	166	5608	0.398	ng/ul	92
12) Phenanthrene	16.80	178	95008	3.687	ng/ul#	90
13) Anthracene	16.89	178	22801	1.052	ng/ul#	92
15) Fluoranthene	18.83	202	141325	4.269	ng/ul	84
17) Pyrene	19.20	202	122246	4.026	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	60389	2.084	ng/ul#	86
19) Chrysene	21.00	228	56697	1.698	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	67941m	2.117	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	18843m	0.527	ng/ul	
23) Benzo(a)pyrene	23.10	252	46543	1.568	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.49	276	29522	0.767	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.50	278	7802	0.239	ng/ul#	91
26) Benzo(g,h,i)perylene	26.19	276	25698	0.783	ng/ul#	93

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

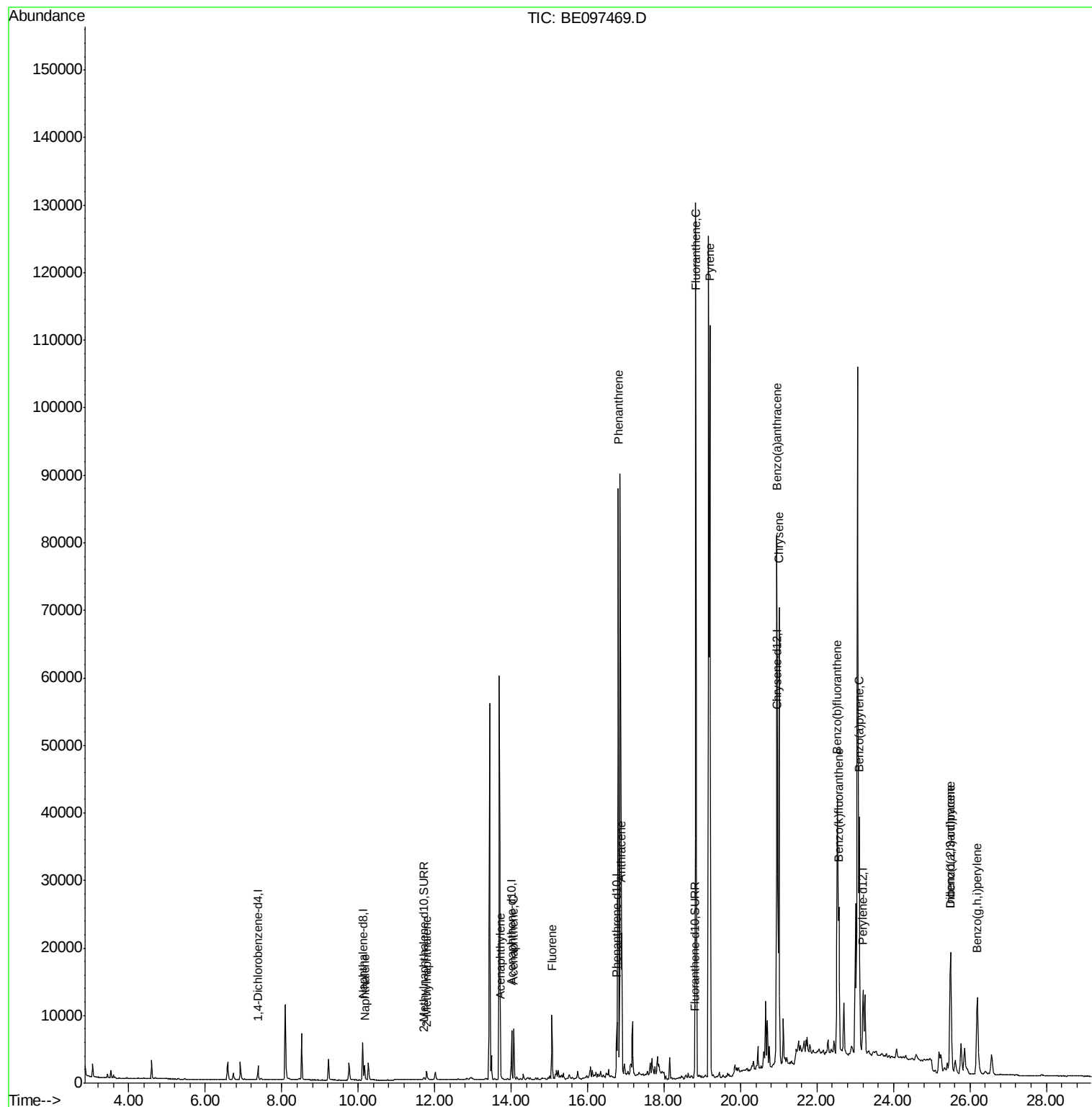
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097469.D
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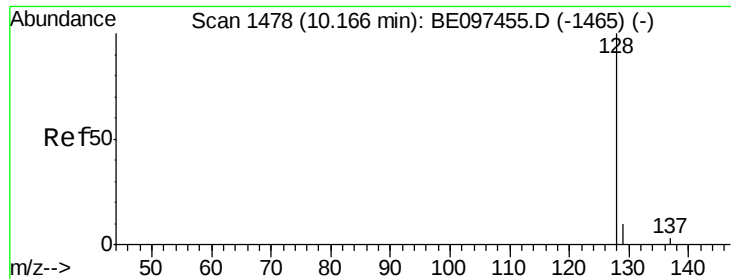
Instrument :
BNA_E
ClientSampleId :
A3YZ3DL

Quant Time: Sep 13 04:14:12 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: 0.234 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Instrument :

BNA_E

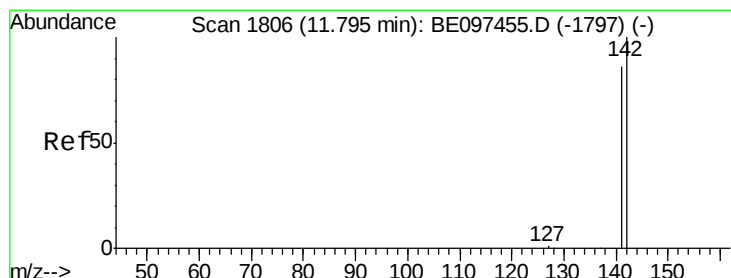
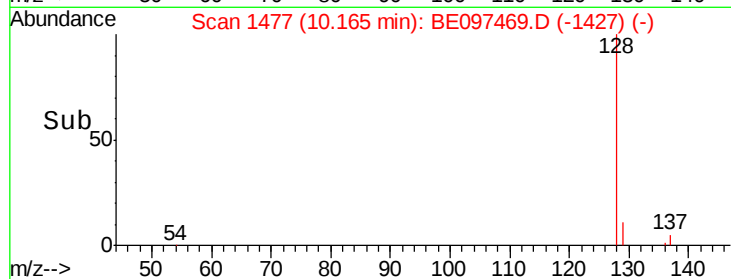
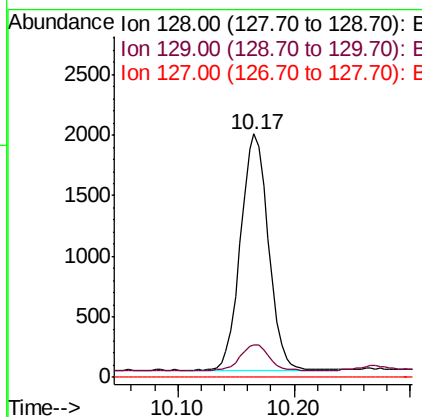
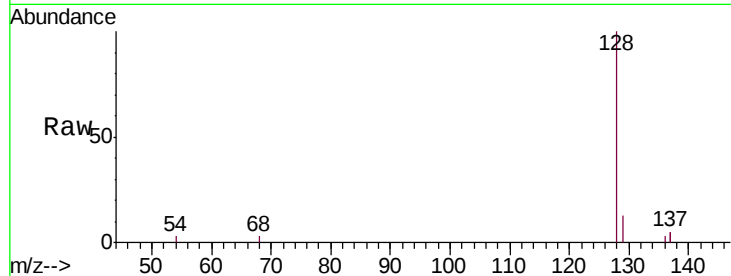
ClientSampleId :

A3YZ3DL

Tgt Ion:	128	Resp:	3237
Ion Ratio	Lower	Upper	
128	100		
129	13.2	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.133 ng/ul

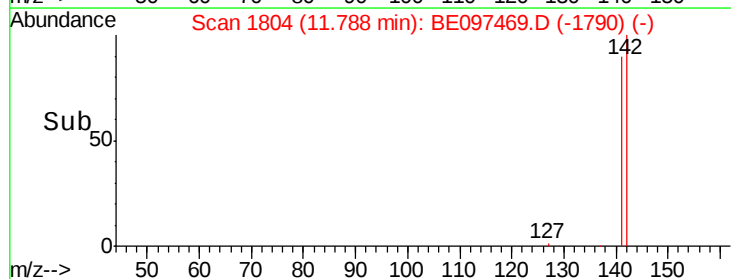
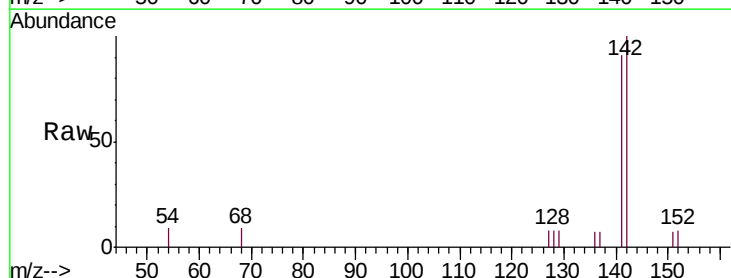
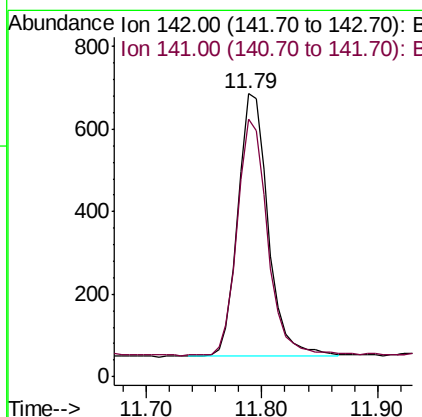
RT: 11.79 min Scan# 1804

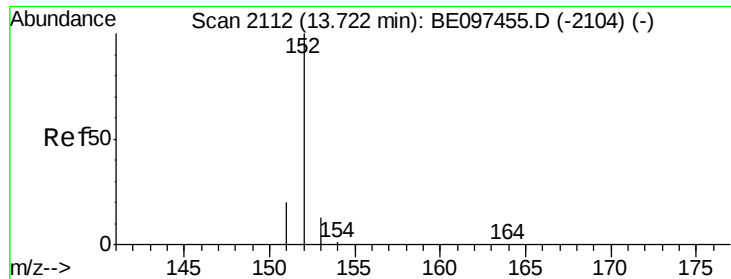
Delta R.T. -0.01 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Tgt Ion:	142	Resp:	1162
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Instrument :

BNA_E

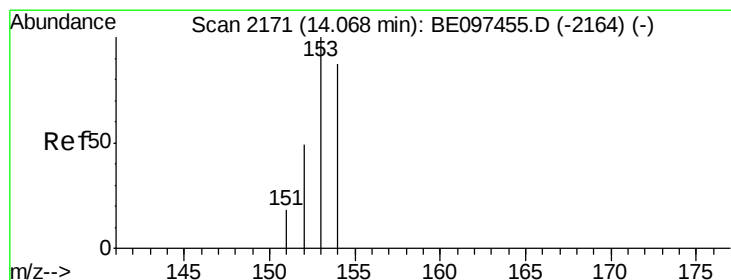
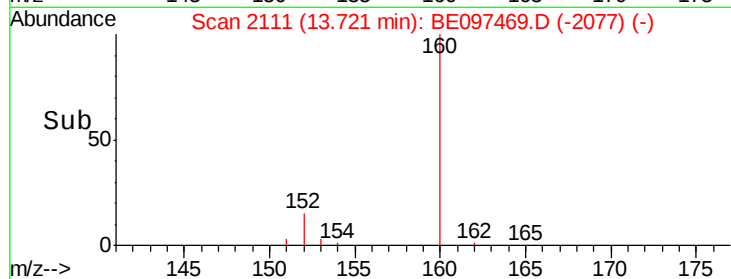
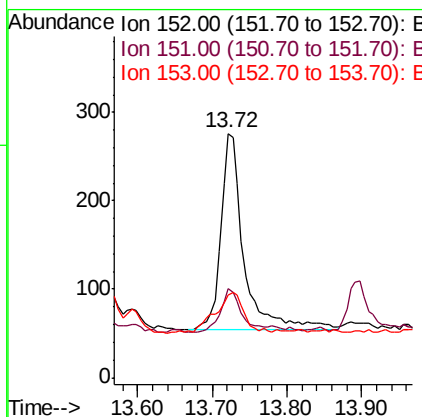
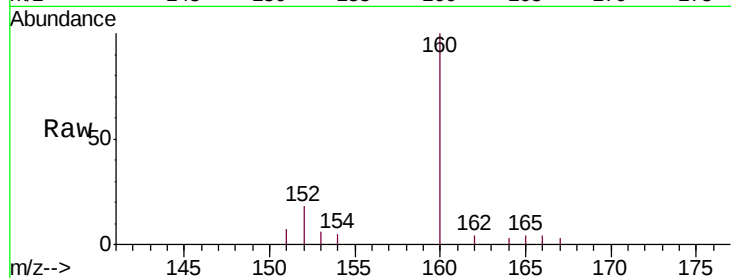
ClientSampleId :

A3YZ3DL

Tgt Ion:	152	Resp:	476
Ion Ratio	Lower	Upper	
152	100		
151	36.6	17.1	25.7#
153	34.1	12.8	19.2#

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#8

Acenaphthene

Concen: 0.349 ng/ul

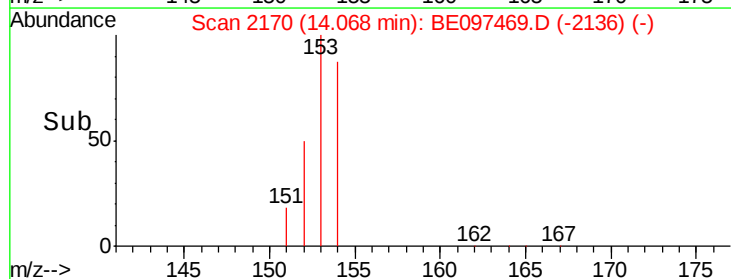
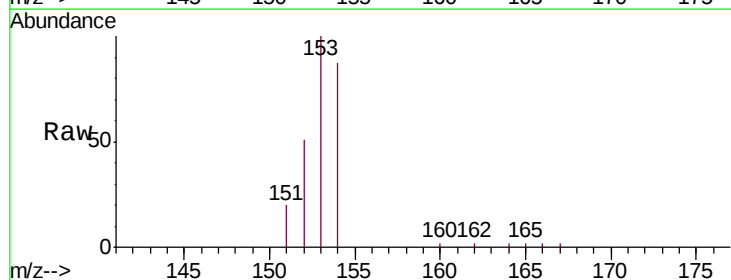
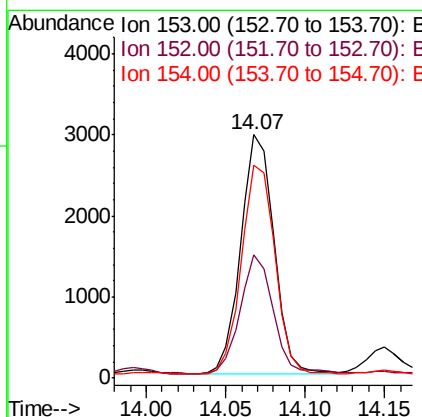
RT: 14.07 min Scan# 2170

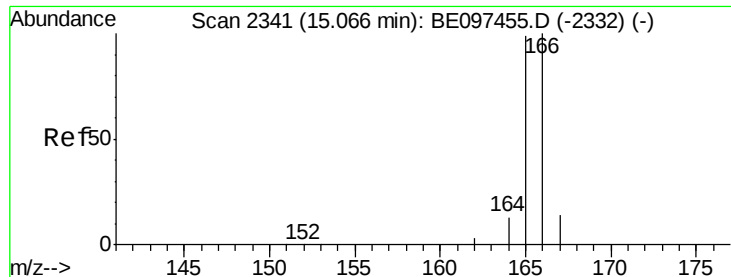
Delta R.T. -0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Tgt Ion:	153	Resp:	4293
Ion Ratio	Lower	Upper	
153	100		
152	50.8	36.0	54.0
154	87.4	72.0	108.0





#9

Fluorene

Concen: 0.398 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Instrument :

BNA_E

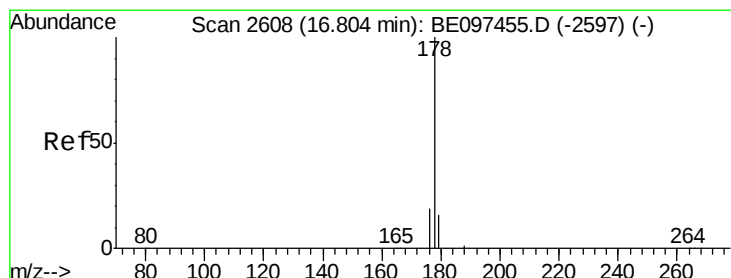
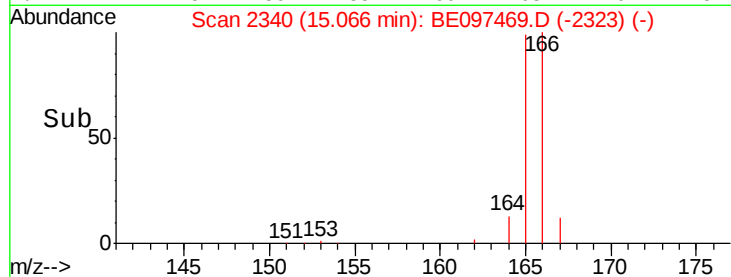
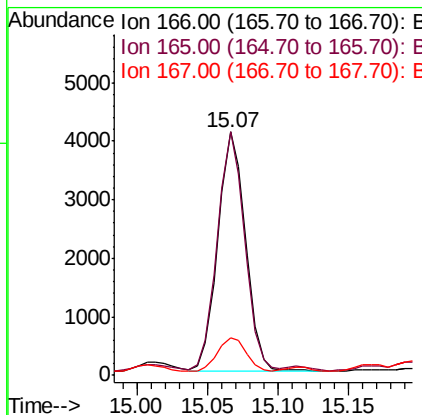
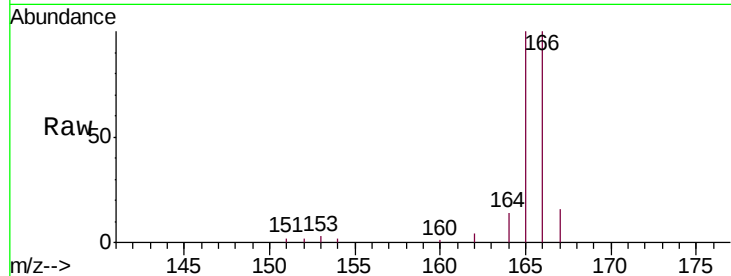
ClientSampleId :

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Tgt Ion:	166	Resp:	5608
Ion Ratio	Lower	Upper	
166	100		
165	100.1	73.4	110.2
167	15.6	14.6	22.0

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#12

Phenanthrene

Concen: 3.687 ng/ul

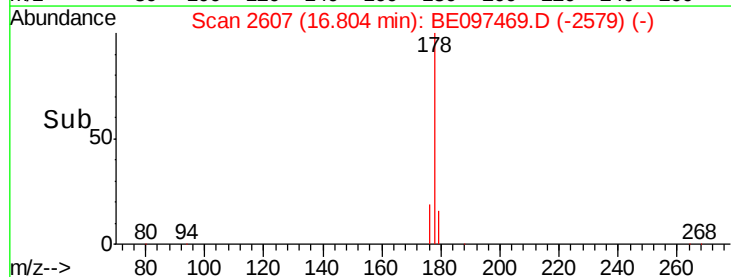
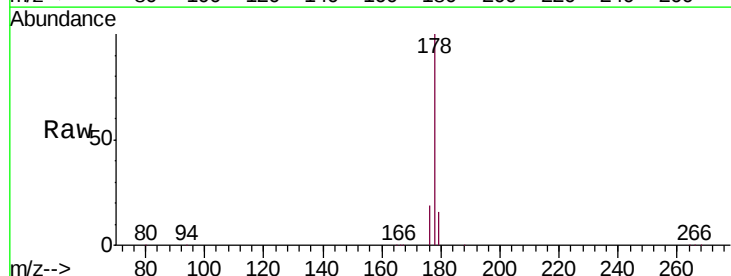
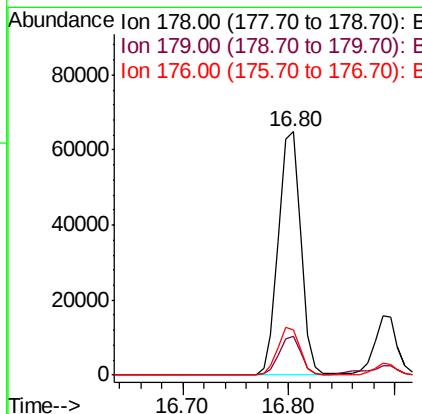
RT: 16.80 min Scan# 2607

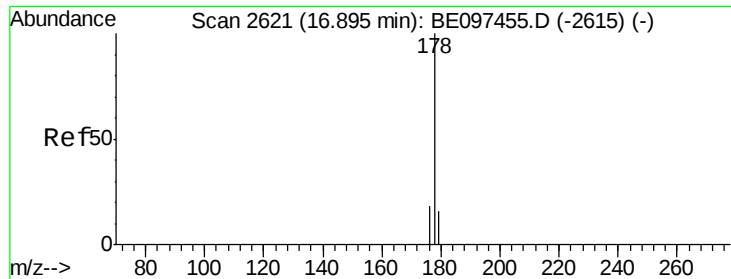
Delta R.T. 0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Tgt Ion:	178	Resp:	95008
Ion Ratio	Lower	Upper	
178	100		
179	15.8	18.4	27.6#
176	18.7	13.6	20.4





#13

Anthracene

Concen: 1.052 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Instrument :

BNA_E

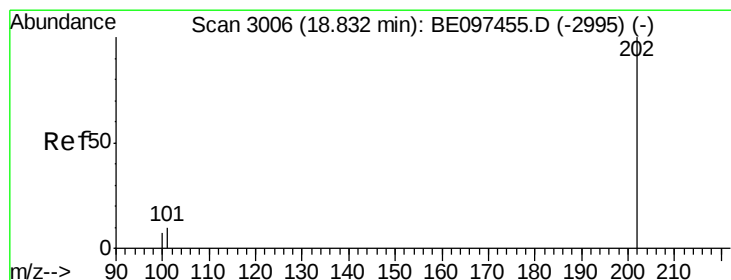
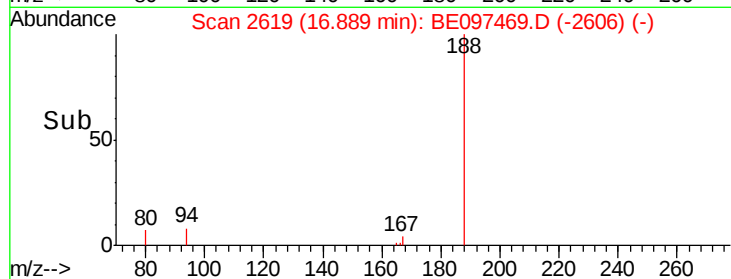
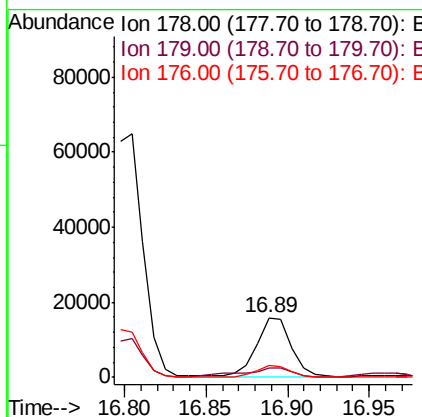
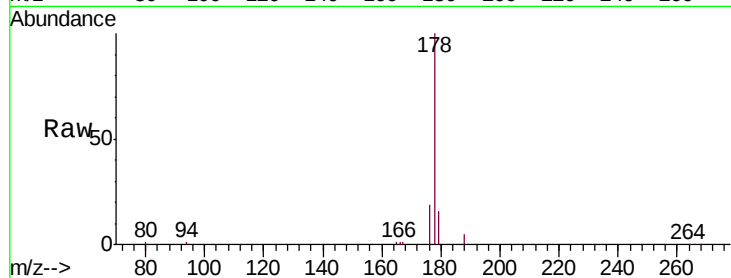
ClientSampleId :

A3YZ3DL

Tgt Ion:	178	Resp:	22801
Ion Ratio	Lower	Upper	
178	100		
179	16.2	18.1	27.1#
176	19.2	14.7	22.1

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#15

Fluoranthene

Concen: 4.269 ng/ul

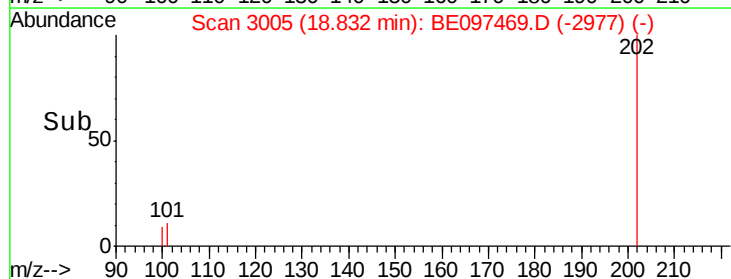
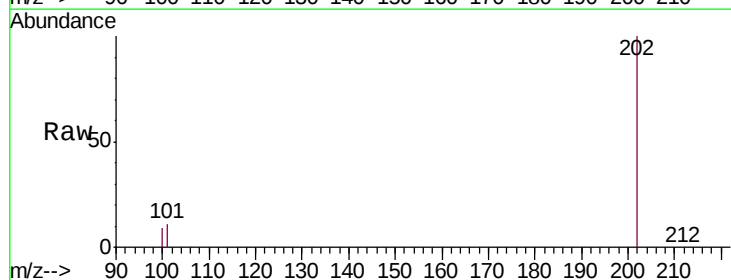
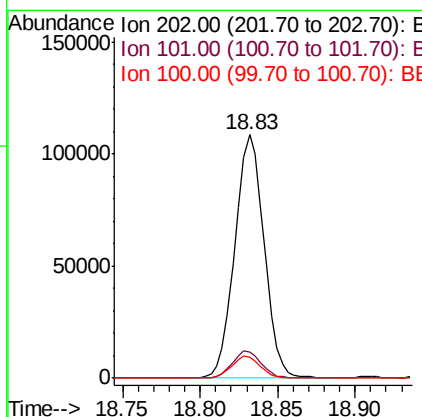
RT: 18.83 min Scan# 3005

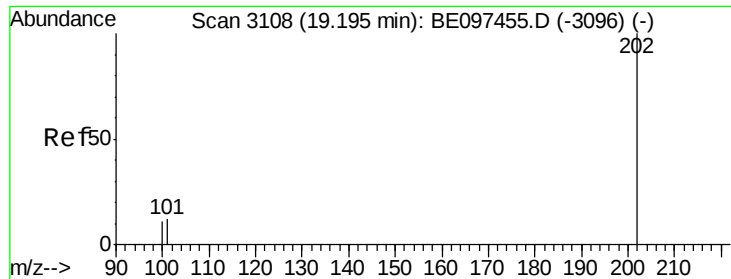
Delta R.T. 0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Tgt Ion:	202	Resp:	141325
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.3
100	8.6	0.0	39.5





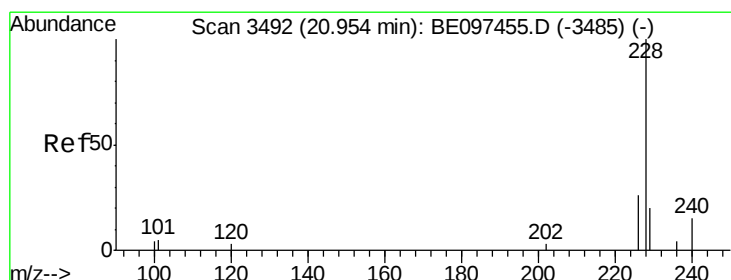
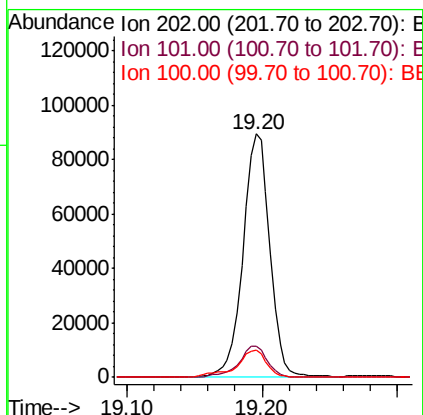
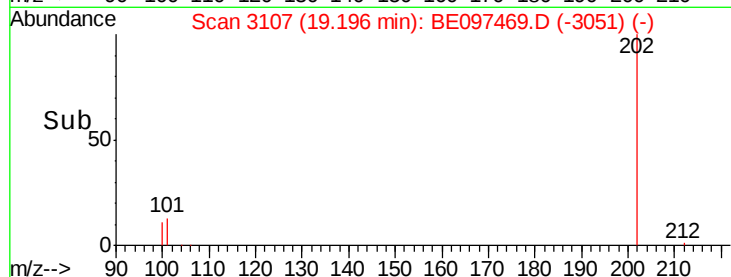
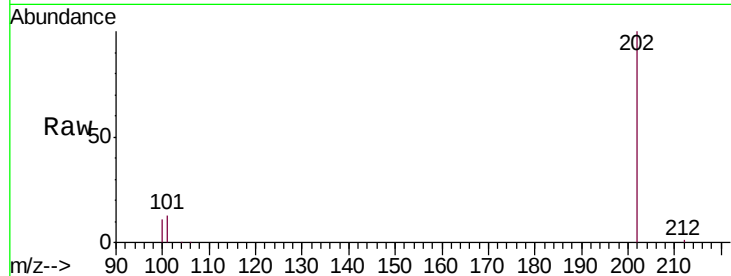
#17
Pyrene
Concen: 4.026 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE097469.D
Acq: 13 Sep 2018 2:28

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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.0	18.2	27.4#
100	11.0	15.6	23.4#

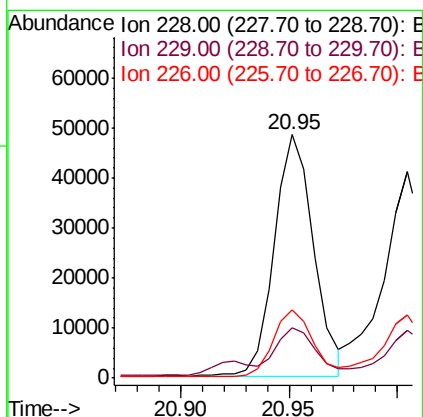
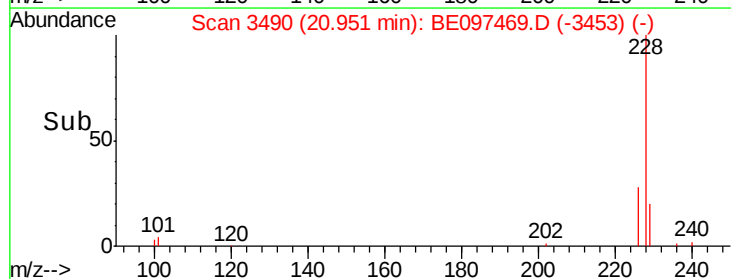
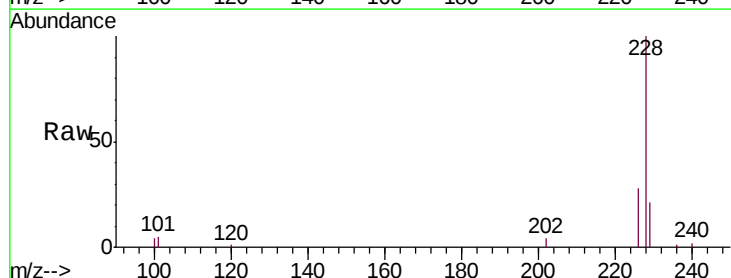
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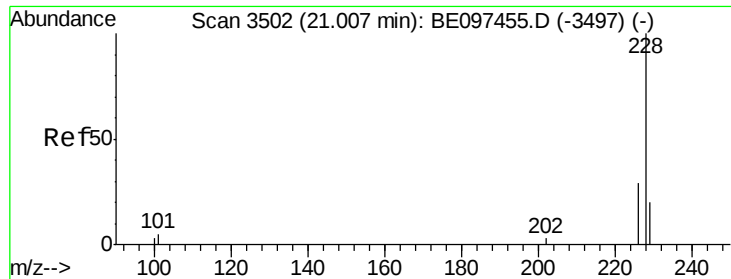
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#18
Benzo(a)anthracene
Concen: 2.084 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097469.D
Acq: 13 Sep 2018 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	22.8	34.2#
226	28.0	17.0	25.6#





#19

Chrysene

Concen: 1.698 ng/ul

RT: 21.00 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Instrument :

BNA_E

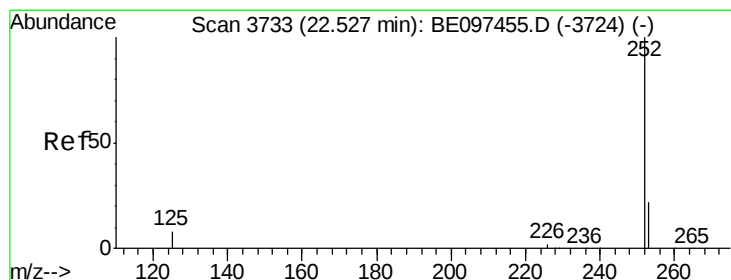
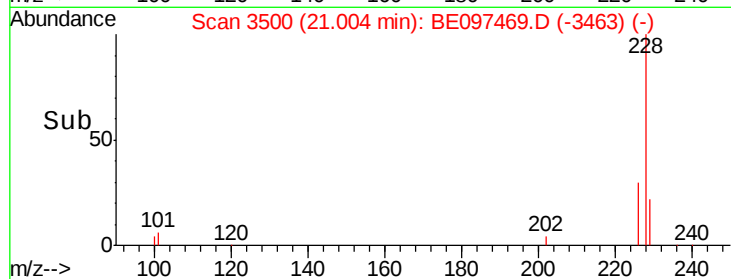
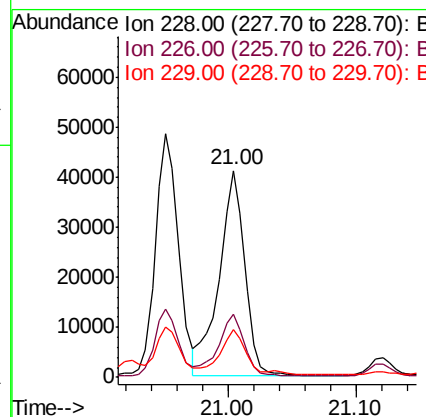
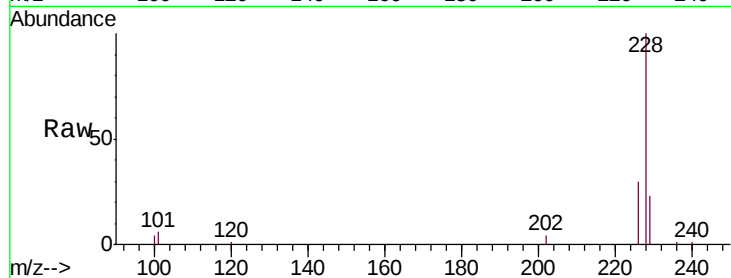
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Tgt Ion:	228	Resp:	56697
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	23.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.117 ng/ul m

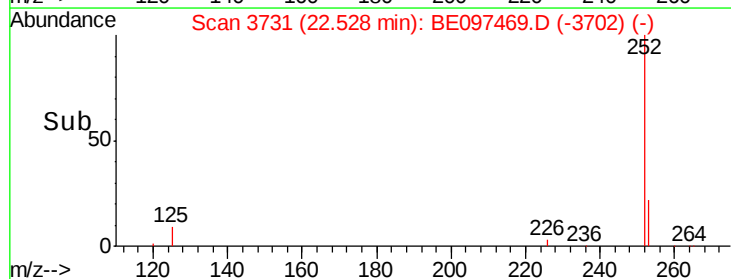
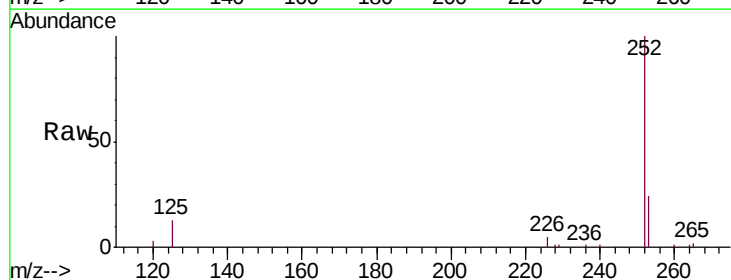
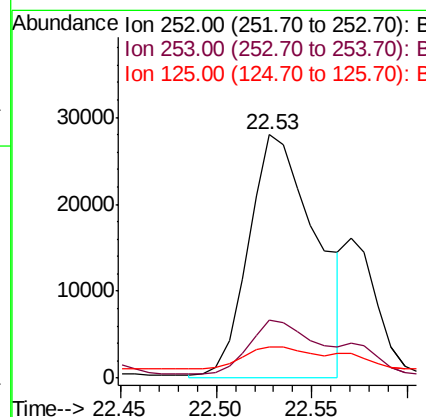
RT: 22.53 min Scan# 3731

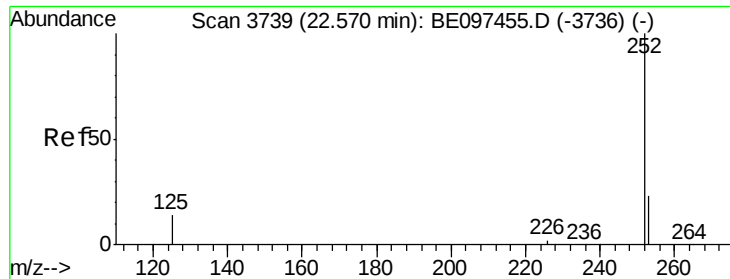
Delta R.T. 0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Tgt Ion:	252	Resp:	67941
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	64.2
125	12.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.527 ng/ul m

RT: 22.57 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Instrument :

BNA_E

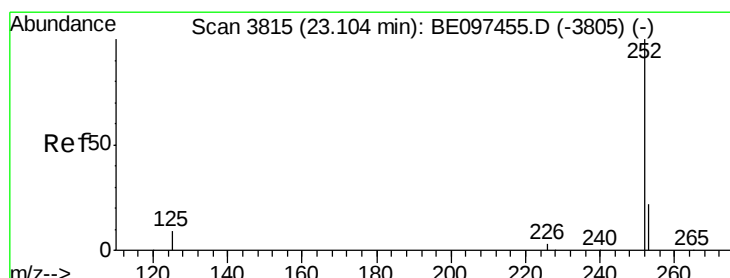
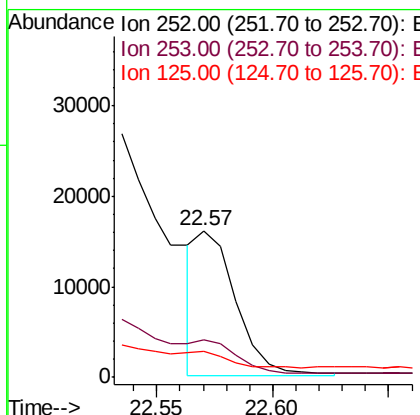
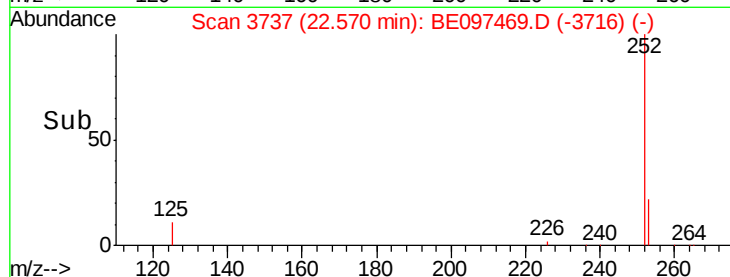
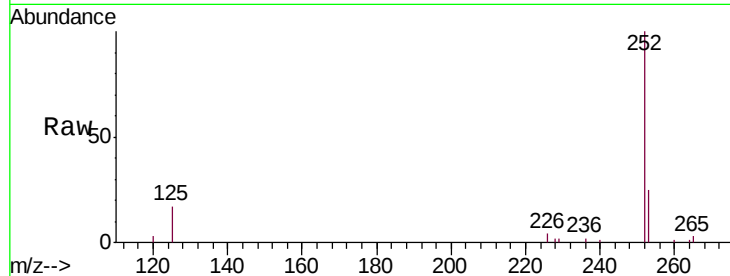
ClientSampleId :

A3YZ3DL

Tgt Ion:	252	Resp:	18843
Ion Ratio	Lower	Upper	
252	100		
253	25.2	24.5	36.7
125	17.5	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.568 ng/ul

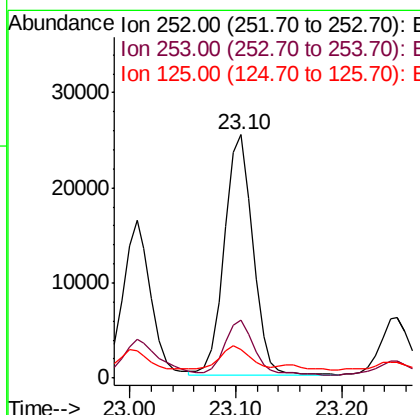
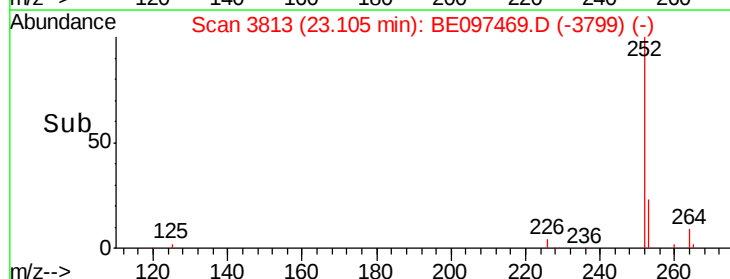
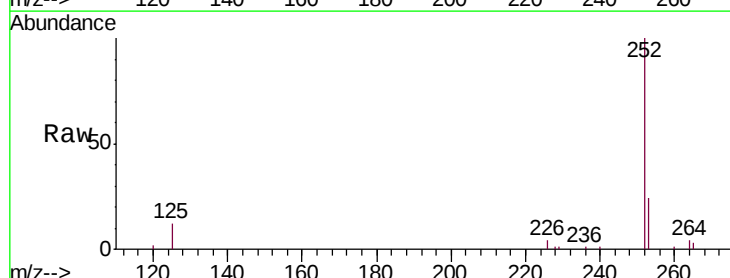
RT: 23.10 min Scan# 3813

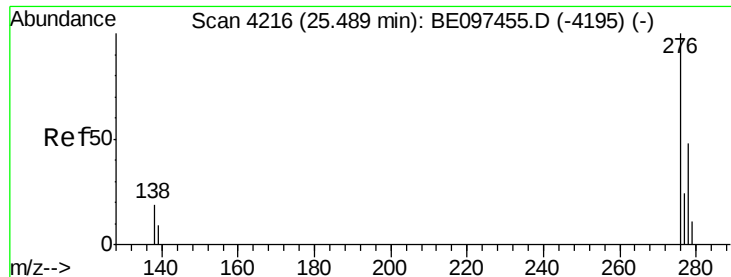
Delta R.T. 0.00 min

Lab File: BE097469.D

Acq: 13 Sep 2018 2:28

Tgt Ion:	252	Resp:	46543
Ion Ratio	Lower	Upper	
252	100		
253	23.7	28.5	42.7#
125	11.9	18.1	27.1#





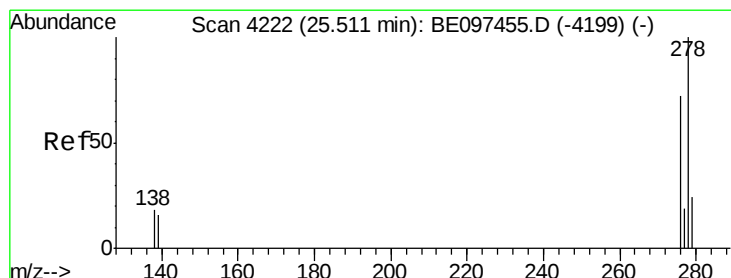
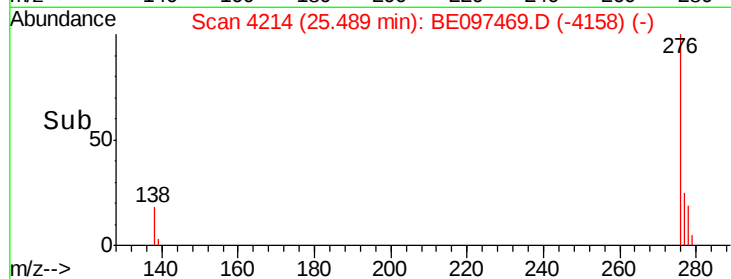
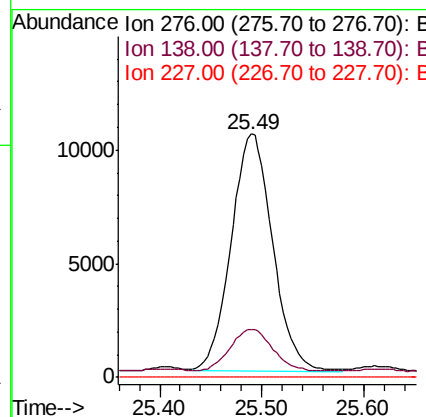
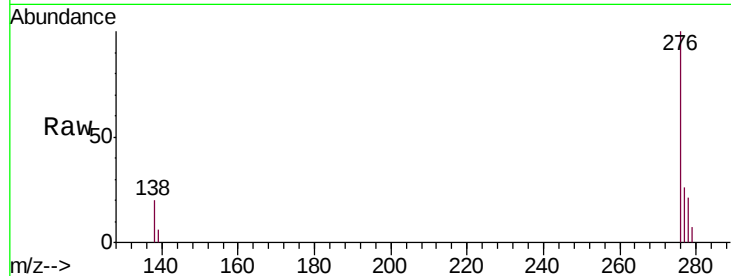
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.767 ng/u1
 RT: 25.49 min Scan# 4214
 Delta R.T. -0.00 min
 Lab File: BE097469.D
 Acq: 13 Sep 2018 2:28

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ3DL

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

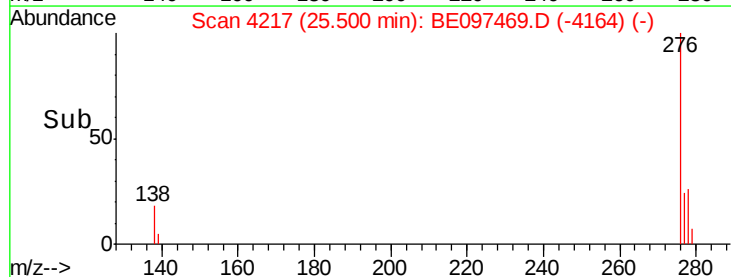
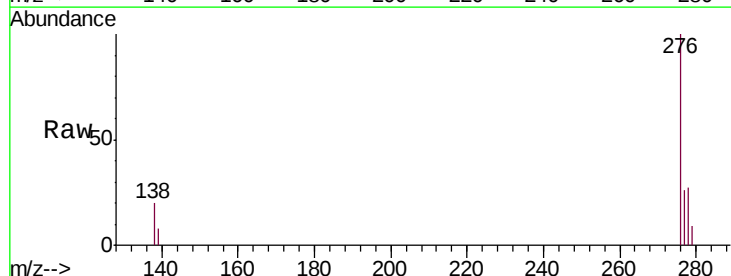
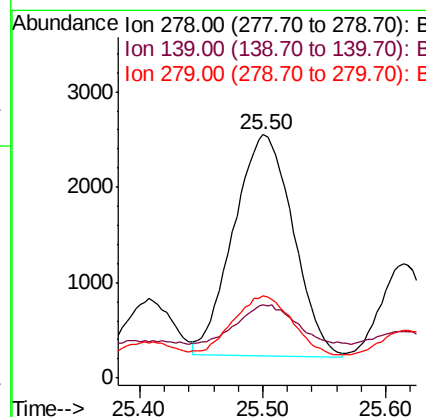
Manual Integrations
 APPROVED

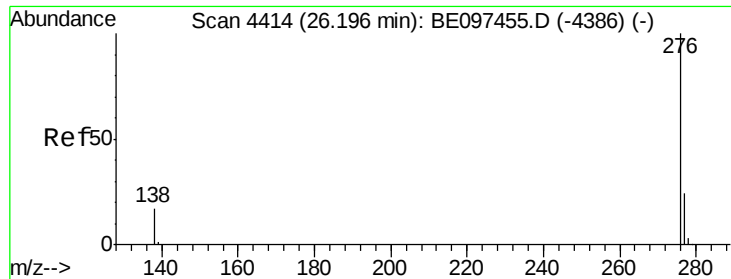
Sohil
 9/13/2018 5:42:37 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.239 ng/u1
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097469.D
 Acq: 13 Sep 2018 2:28

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	30.3	17.4	26.0#
279	33.8	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.783 ng/ul
RT: 26.19 min Scan# 4410
Delta R.T. -0.01 min
Lab File: BE097469.D
Acq: 13 Sep 2018 2:28

Instrument :
BNA_E
ClientSampleId :
A3YZ3DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.2	21.8	32.8#
277	26.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:37 PM

