

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
 Sample : J1223-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A74

Manual Integrations
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Quant Time: Jan 29 08:39:55 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3023	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9762	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6328	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13109m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	13902	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12929m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3909	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11835	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	80488	2.944	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	11887	0.651	ng/ul	99
7) Acenaphthylene	14.75	152	1016	0.033	ng/ul#	81
8) Acenaphthene	15.08	153	3646	0.154	ng/ul	91
9) Fluorene	16.02	166	2402	0.099	ng/ul#	72
11) Pentachlorophenol	17.36	266	41830	16.475	ng/ul	95
12) Phenanthrene	17.75	178	16301	0.370	ng/ul#	87
13) Anthracene	17.85	178	4117	0.102	ng/ul	93
15) Fluoranthene	19.72	202	41422	0.726	ng/ul	84
17) Pyrene	20.08	202	36596	0.784	ng/ul#	81
18) Benzo(a)anthracene	21.79	228	10604	0.244	ng/ul#	88
19) Chrysene	21.84	228	11101m	0.246	ng/ul	
21) Benzo(b)fluoranthene	23.63	252	14579m	0.320	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	3334m	0.080	ng/ul	
23) Benzo(a)pyrene	24.32	252	3797m	0.093	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	3427m	0.077	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	802m	0.022	ng/ul	
26) Benzo(g,h,i)perylene	28.13	276	3299m	0.087	ng/ul	

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

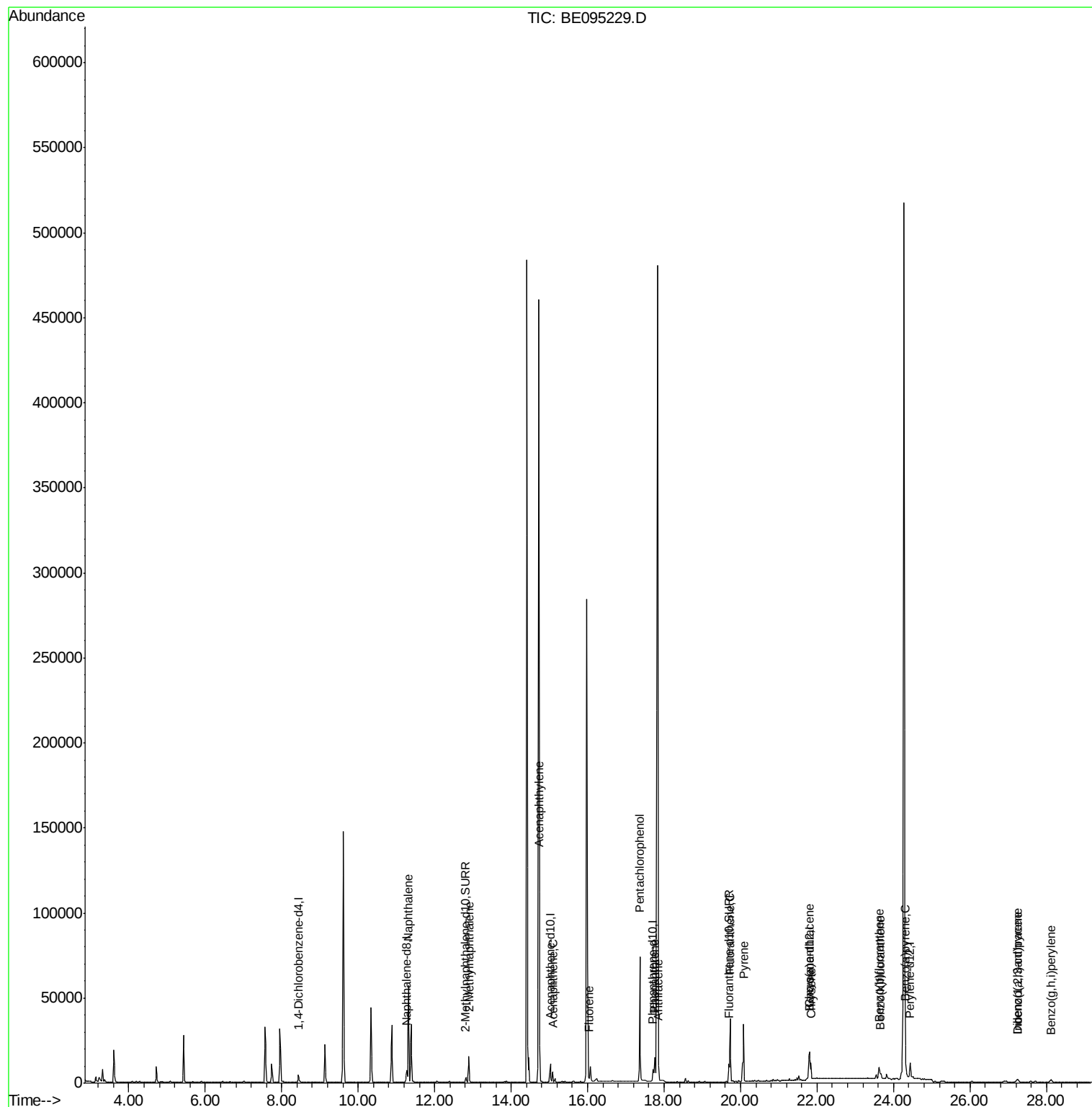
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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ALS Vial : 26 Sample Multiplier: 1

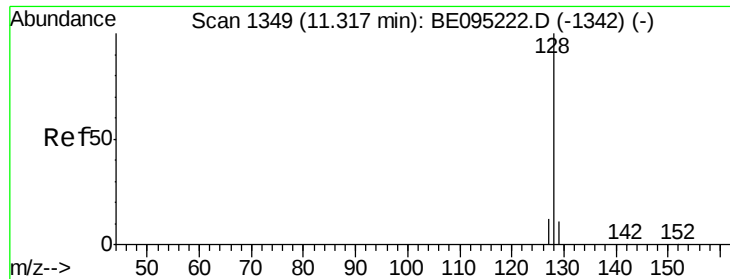
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#3

Naphthalene

Concen: 2.944 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BE095229.D

Acq: 29 Jan 2018 4:27

Instrument :

BNA_E

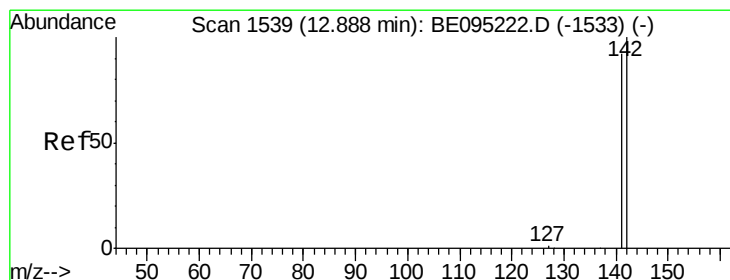
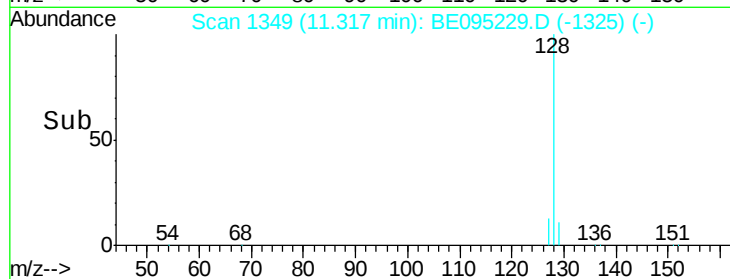
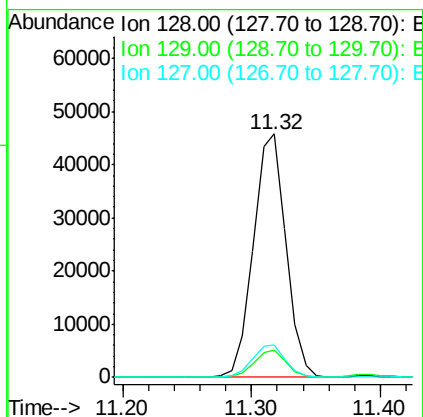
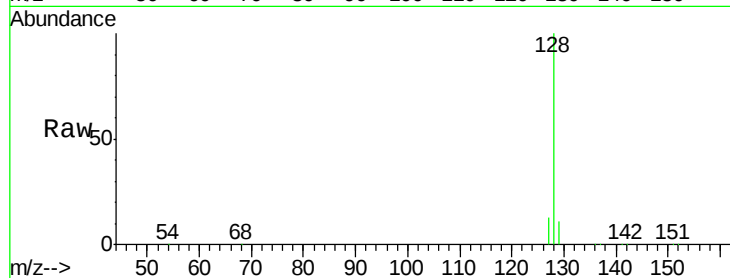
ClientSampleId :

F6A74

Tot Ion:	128	Resp:	80488
Ion Ratio	Lower	Upper	
128	100		
129	11.0	11.3	16.9#
127	13.1	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.651 ng/ul

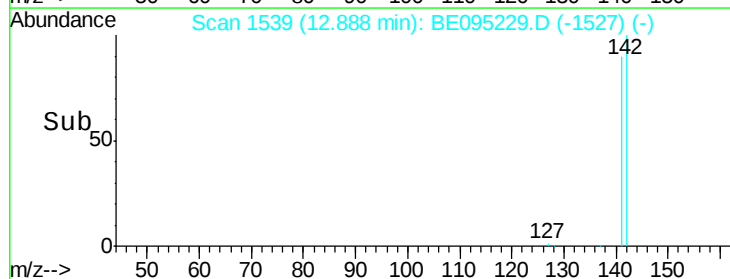
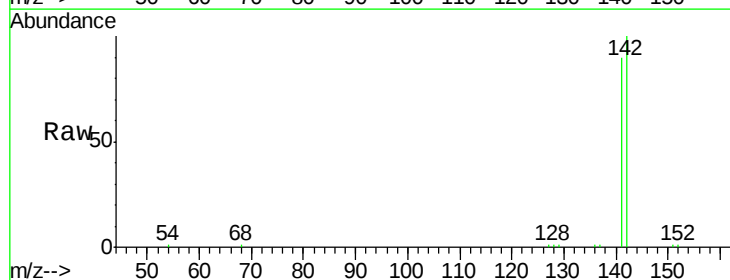
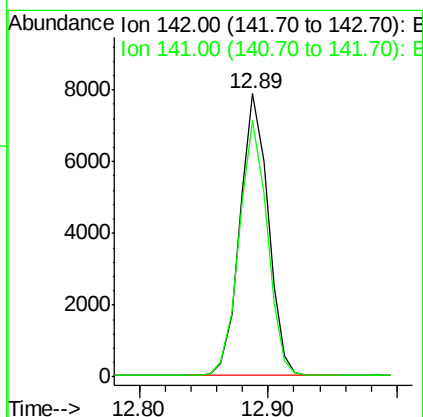
RT: 12.89 min Scan# 1539

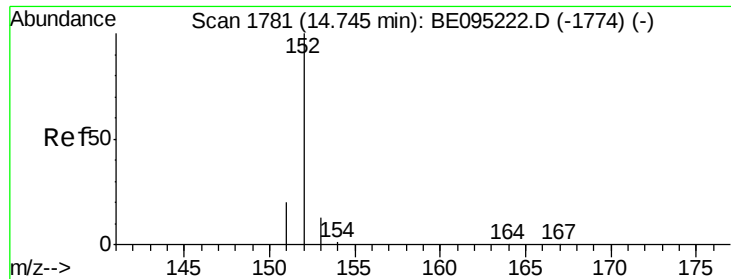
Delta R.T. -0.00 min

Lab File: BE095229.D

Acq: 29 Jan 2018 4:27

Tgt Ion:	142	Resp:	11887
Ion Ratio	Lower	Upper	
142	100		
141	89.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095229.D

Acq: 29 Jan 2018 4:27

Instrument :

BNA_E

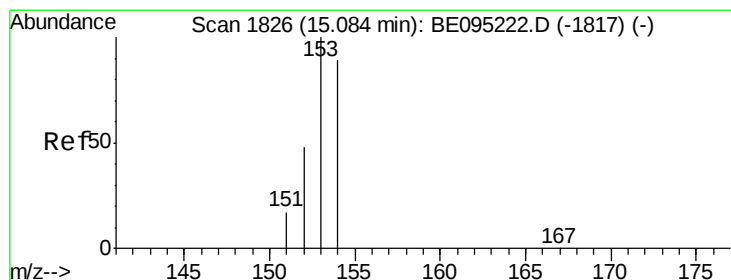
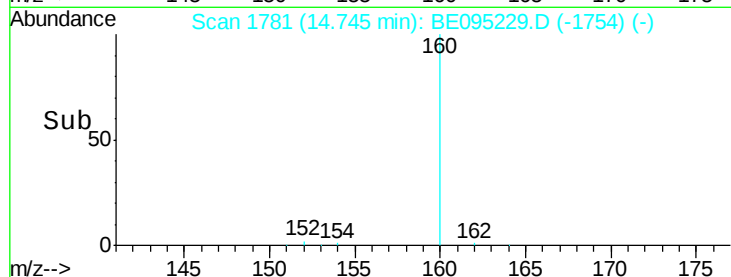
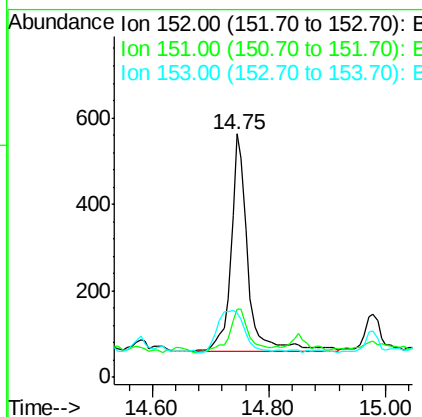
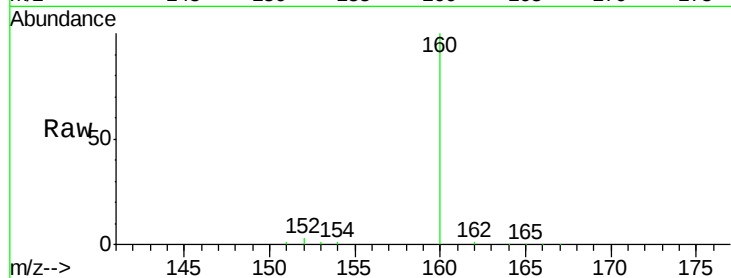
ClientSampleId :

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Tot Ion:	152	Resp:	1016
Ion Ratio	Lower	Upper	
152	100		
151	28.2	17.1	25.7#
153	26.3	12.8	19.2#

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#8

Acenaphthene

Concen: 0.154 ng/ul

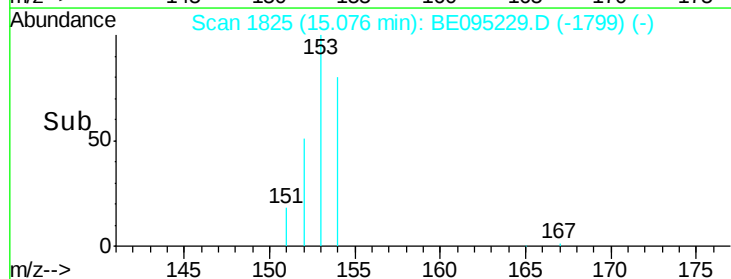
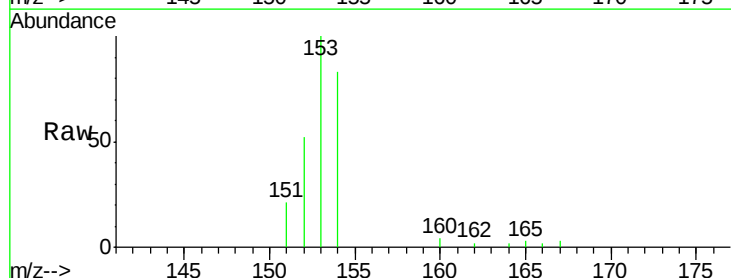
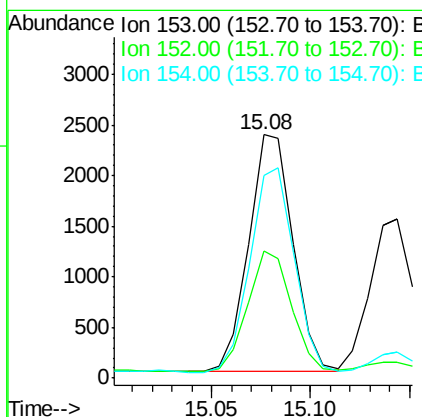
RT: 15.08 min Scan# 1825

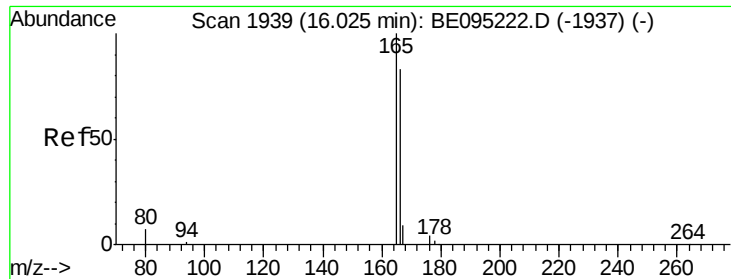
Delta R.T. -0.01 min

Lab File: BE095229.D

Acq: 29 Jan 2018 4:27

Tgt Ion:	153	Resp:	3646
Ion Ratio	Lower	Upper	
153	100		
152	52.2	36.0	54.0
154	83.1	72.0	108.0





#9

Fluorene

Concen: 0.099 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095229.D

Acq: 29 Jan 2018 4:27

Instrument :

BNA_E

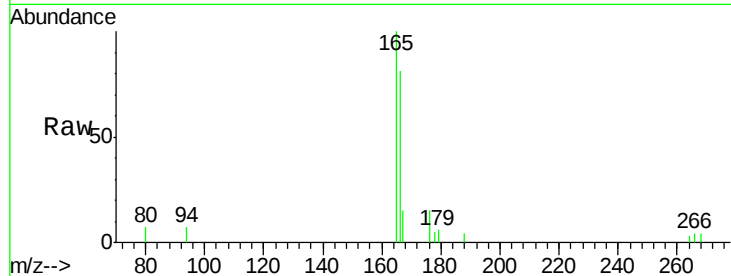
ClientSampleId :

F6A74

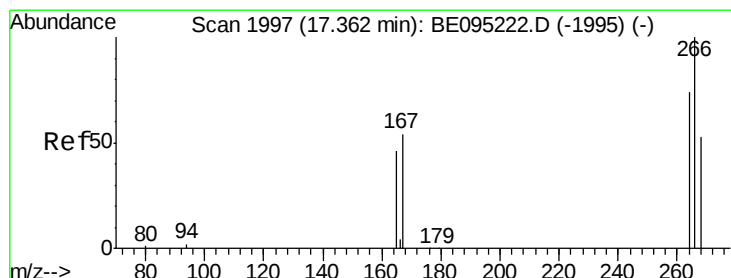
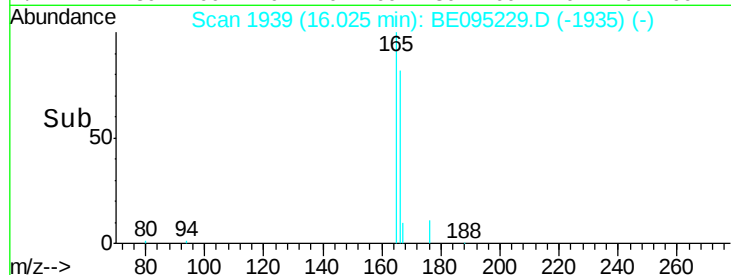
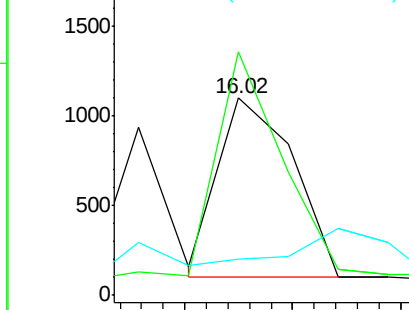
Tot Ion	Ratio	Lower	Upper
166	100		
165	123.3	73.4	110.2#
167	18.2	14.6	22.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 16.475 ng/ul

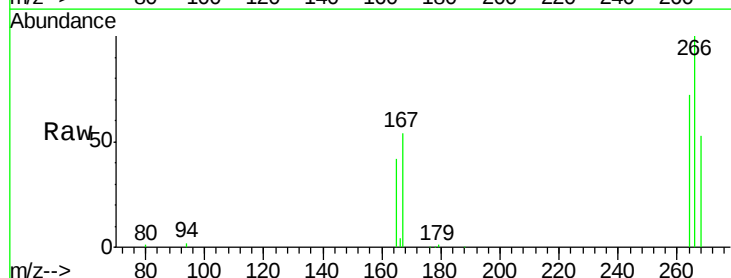
RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

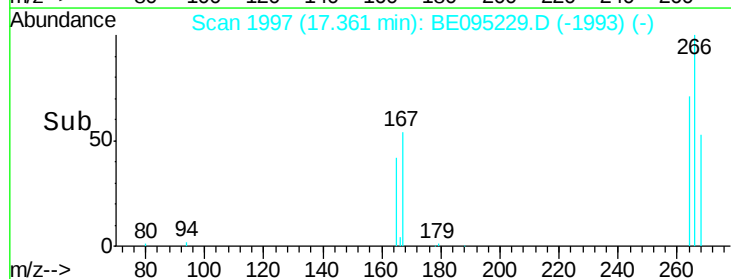
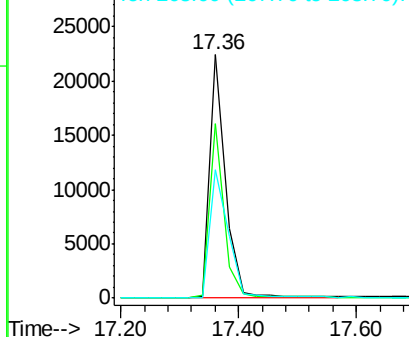
Lab File: BE095229.D

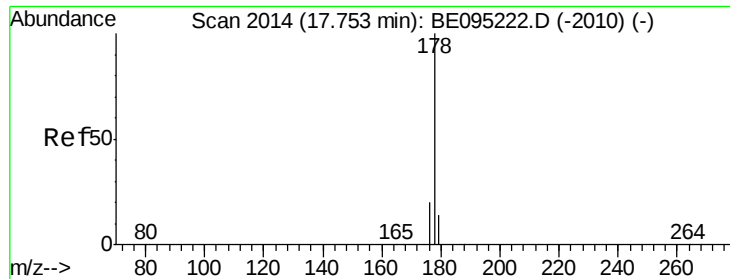
Acq: 29 Jan 2018 4:27

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.5	47.9	71.9
268	60.7	49.8	74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





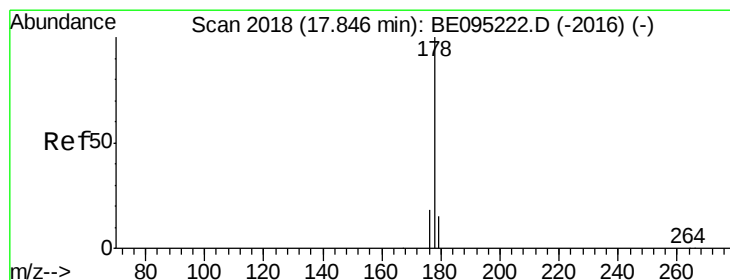
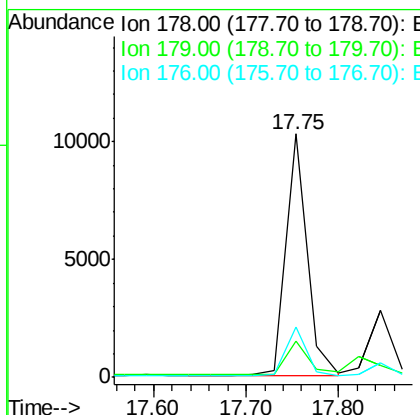
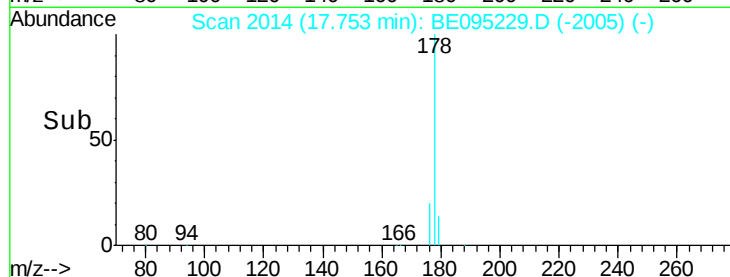
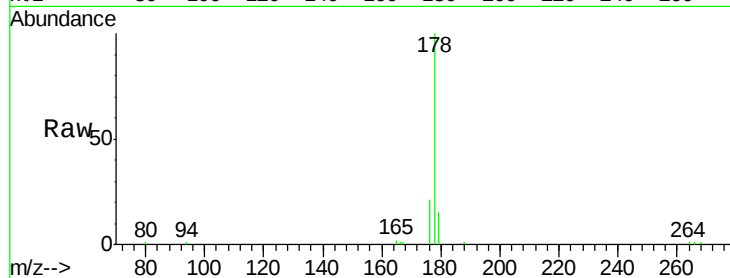
#12
Phenanthrene
Concen: 0.370 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095229.D
Acq: 29 Jan 2018 4:27

Instrument :
BNA_E
ClientSampled :
F6A74

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6#
176	20.9	13.6	20.4#

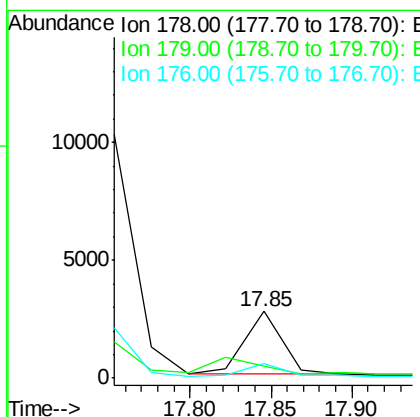
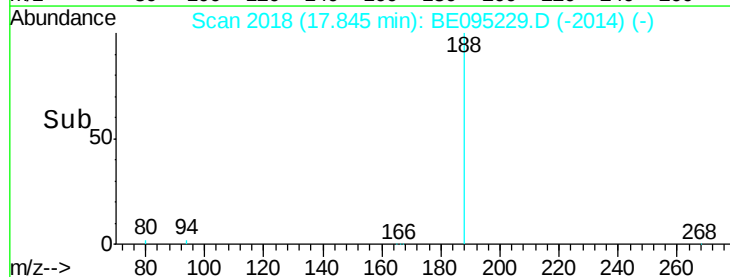
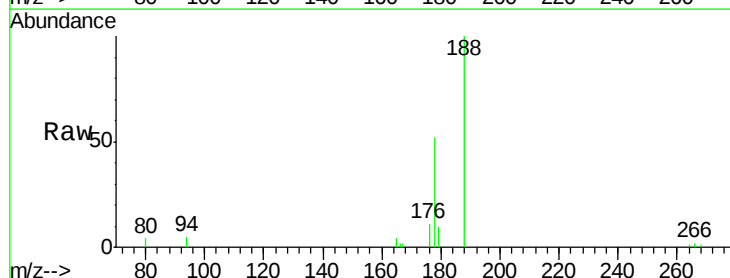
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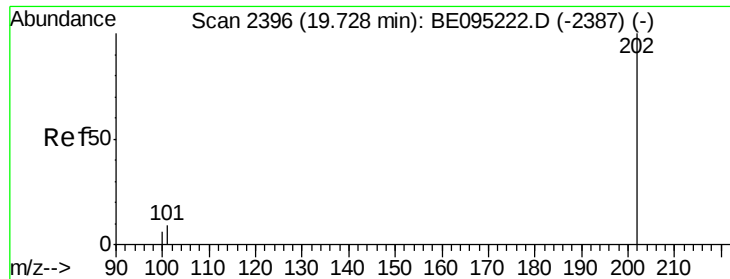
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#13
Anthracene
Concen: 0.102 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095229.D
Acq: 29 Jan 2018 4:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.6	18.1	27.1
176	21.3	14.7	22.1





#15

Fluoranthene

Concen: 0.726 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095229.D

Acq: 29 Jan 2018 4:27

Instrument :

BNA_E

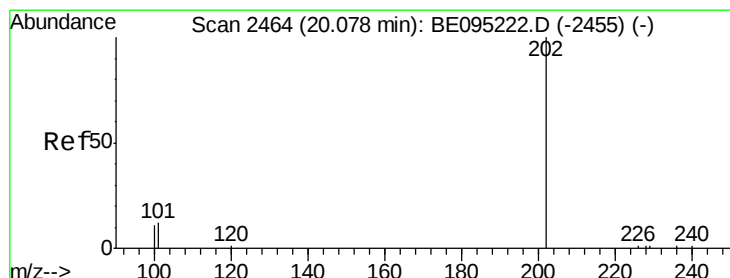
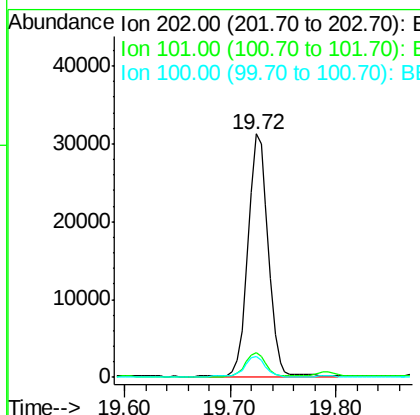
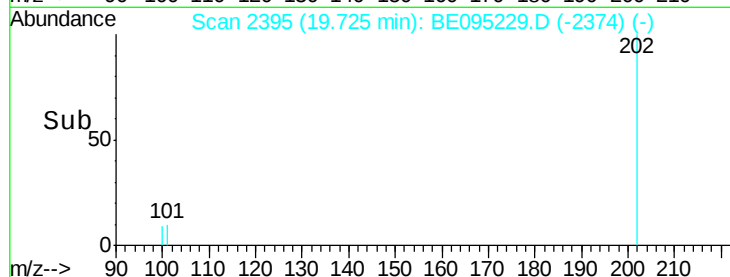
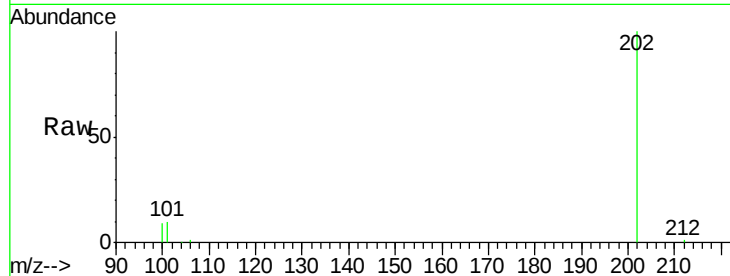
ClientSampleId :

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Tot Ion:	202	Resp:	41422
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.3
100	8.7	0.0	39.5

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#17

Pyrene

Concen: 0.784 ng/ul

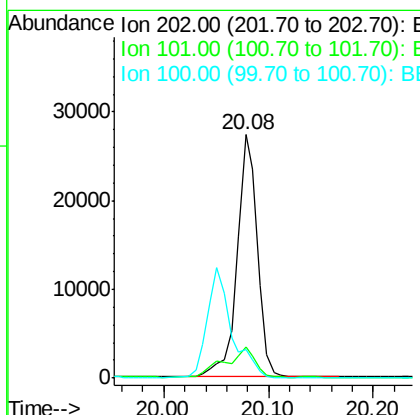
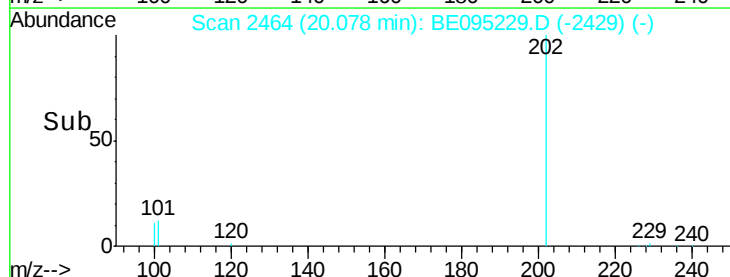
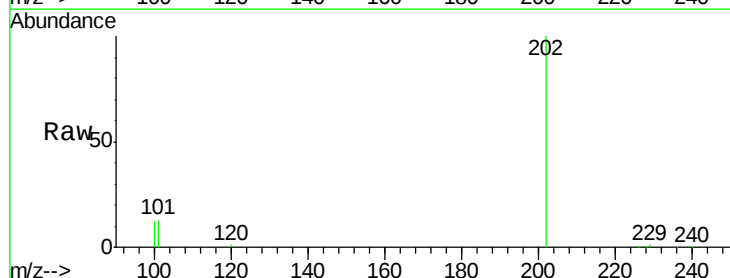
RT: 20.08 min Scan# 2464

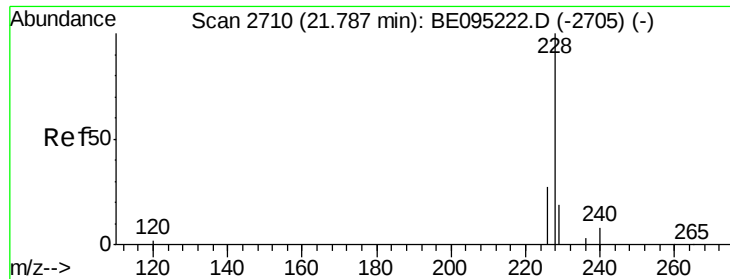
Delta R.T. -0.00 min

Lab File: BE095229.D

Acq: 29 Jan 2018 4:27

Tgt Ion:	202	Resp:	36596
Ion Ratio	Lower	Upper	
202	100		
101	12.9	18.2	27.4#
100	11.6	15.6	23.4#





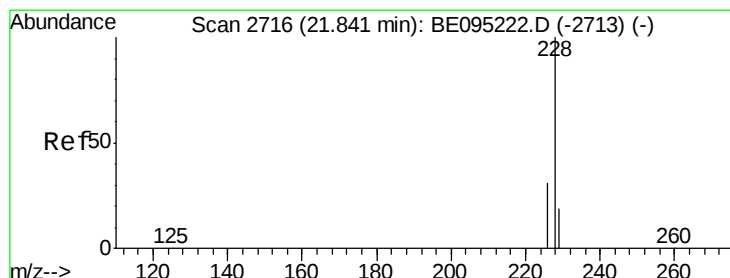
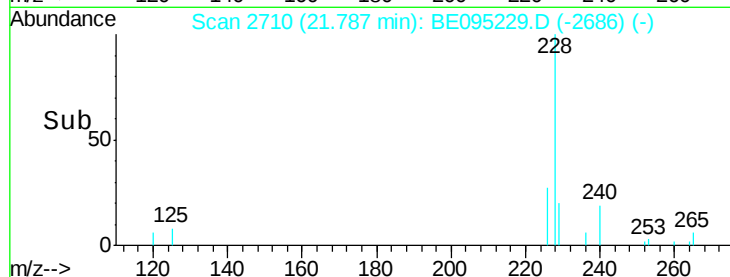
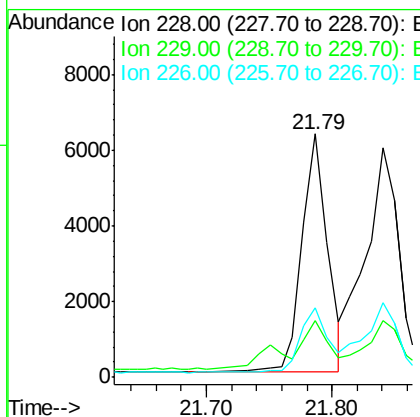
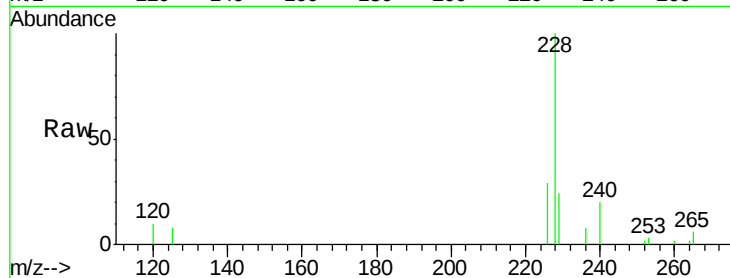
#18
Benzo(a)anthracene
Concen: 0.244 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095229.D
Acq: 29 Jan 2018 4:27

Instrument :
BNA_E
ClientSampleId :
F6A74

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.5	22.8	34.2
226	28.7	17.0	25.6

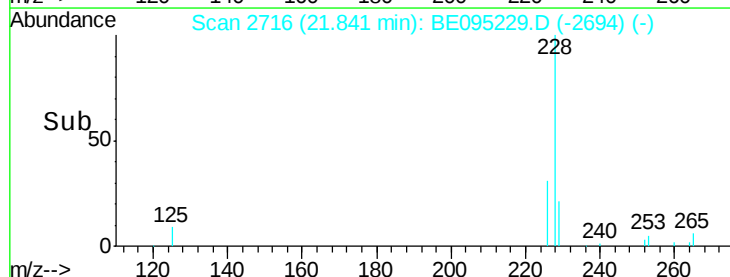
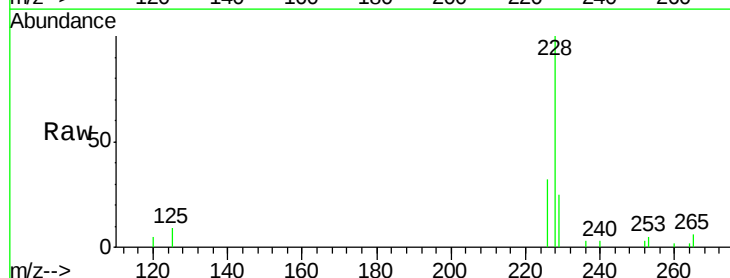
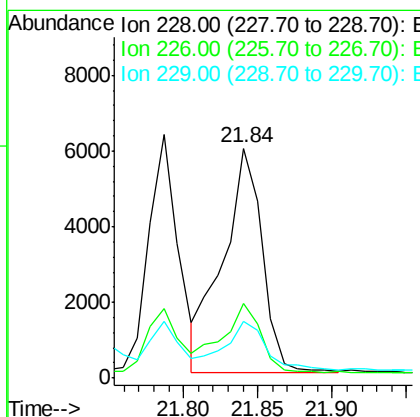
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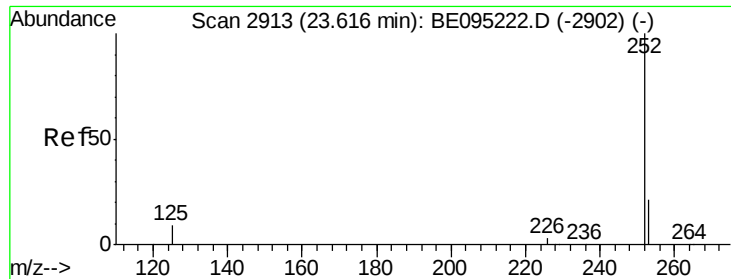
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#19
Chrysene
Concen: 0.246 ng/ul m
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095229.D
Acq: 29 Jan 2018 4:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.0
229	24.6	17.7	26.5





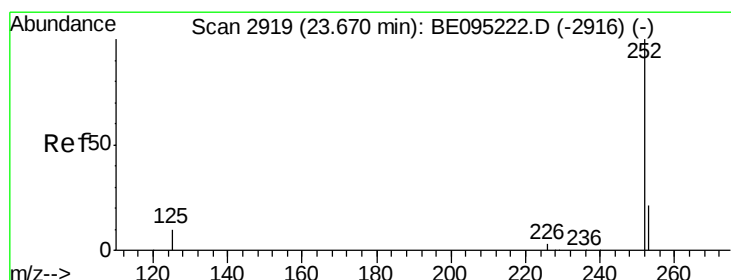
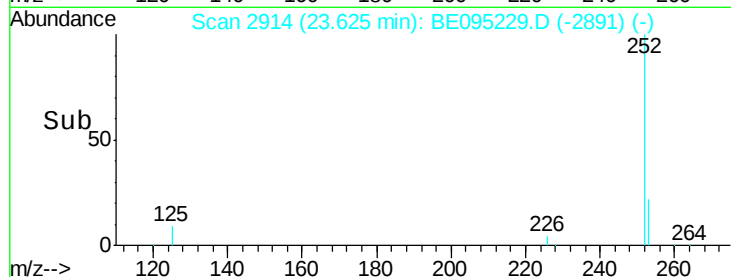
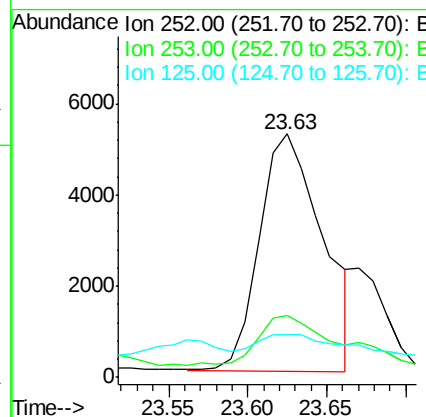
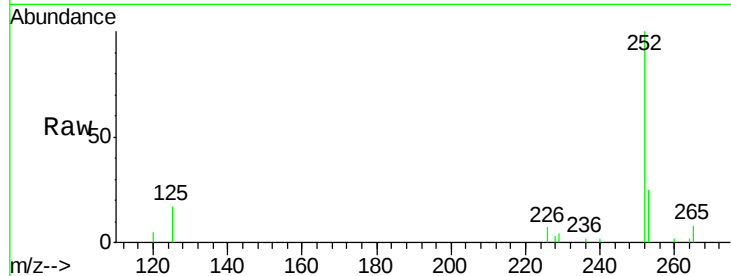
#21
Benzo(b)fluoranthene
Concen: 0.320 ng/ul m
RT: 23.63 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095229.D
Acq: 29 Jan 2018 4:27

Instrument :
BNA_E
ClientSampleId :
F6A74

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.4	0.0	64.2
125	17.4	0.0	35.0

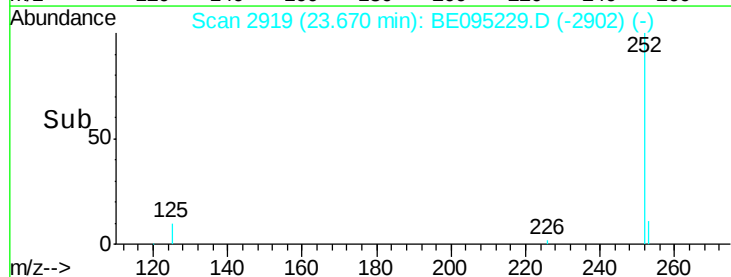
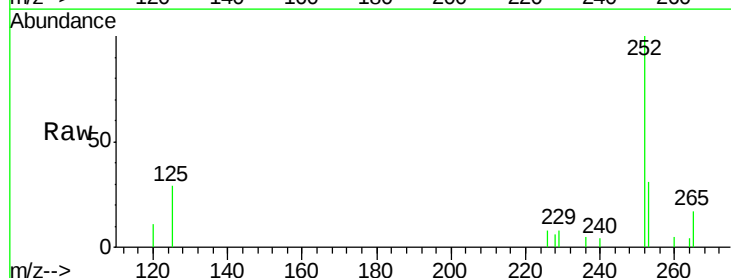
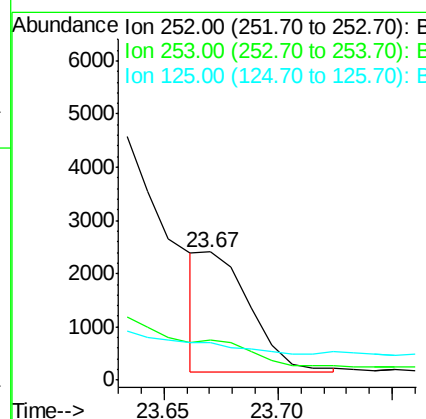
Manual Integrations
APPROVED

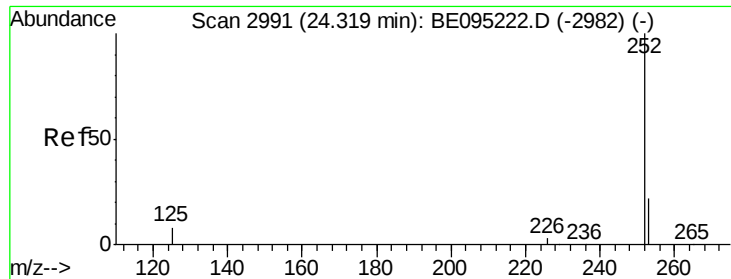
Sohil
1/29/2018 6:26:10 PM



#22
Benzo(k)fluoranthene
Concen: 0.080 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE095229.D
Acq: 29 Jan 2018 4:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	31.3	24.5	36.7
125	29.1	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.093 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE095229.D

Acq: 29 Jan 2018 4:27

Instrument :

BNA_E

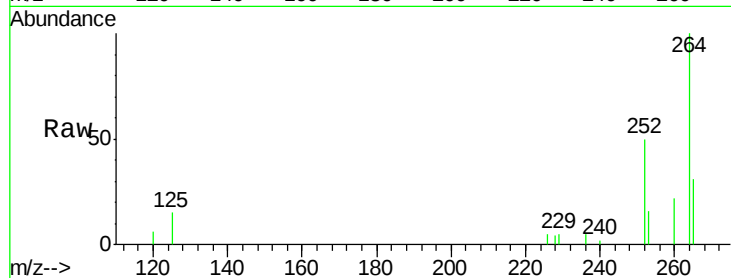
ClientSampleId :

F6A74

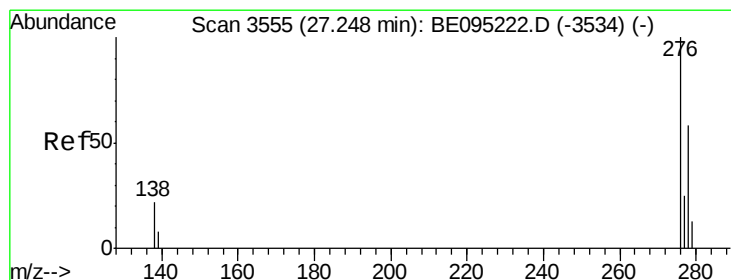
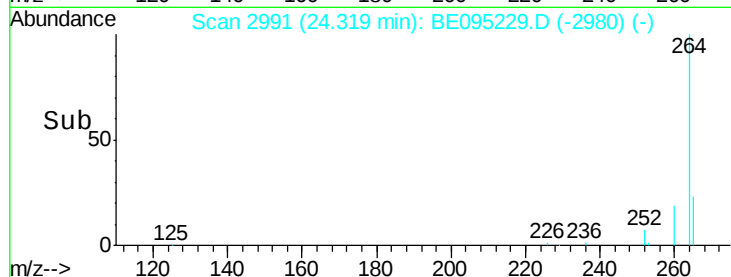
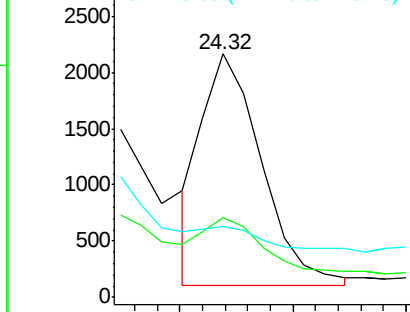
Tot Ion:	252	Resp:	3797
Ion Ratio	Lower	Upper	
252	100		
253	32.7	28.5	42.7
125	29.1	18.1	27.1#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.077 ng/ul m

RT: 27.24 min Scan# 3554

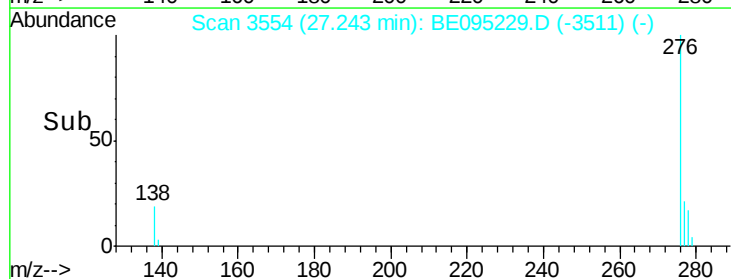
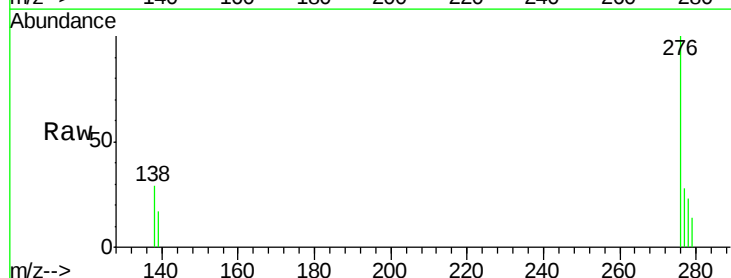
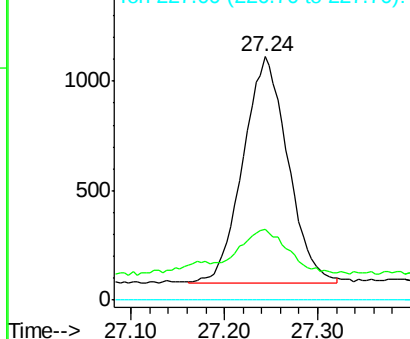
Delta R.T. -0.00 min

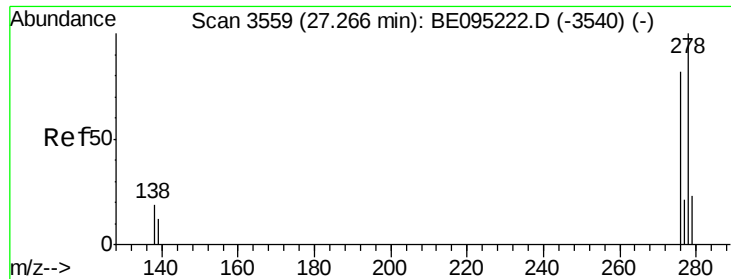
Lab File: BE095229.D

Acq: 29 Jan 2018 4:27

Tgt Ion:	276	Resp:	3427
Ion Ratio	Lower	Upper	
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





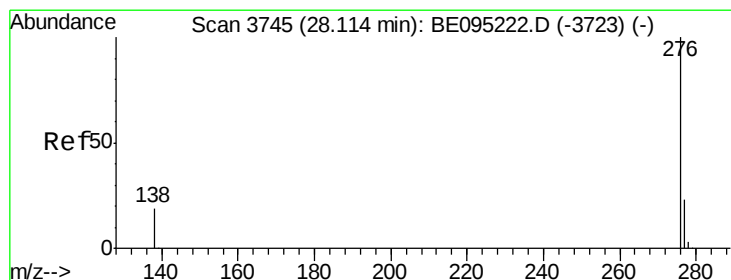
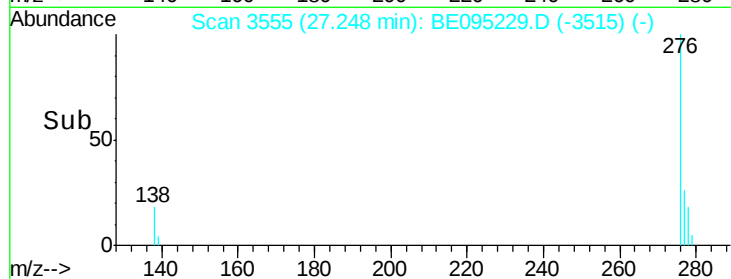
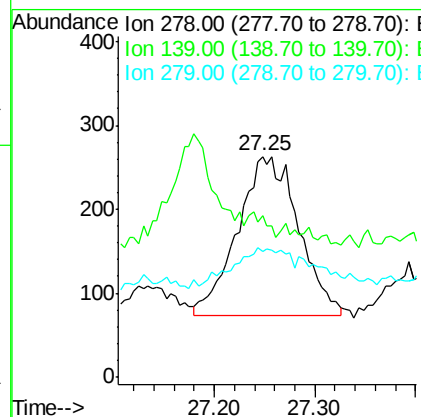
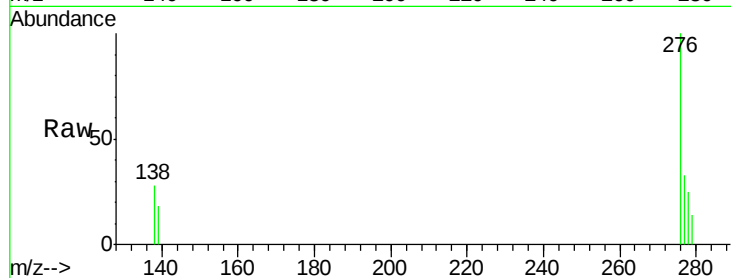
#25
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul m
RT: 27.25 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BE095229.D
Acq: 29 Jan 2018 4:27

Instrument :
BNA_E
ClientSampled :
F6A74

Tot Ion	Ratio	Lower	Upper
278	100		
139	73.0	17.4	26.0#
279	56.7	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.087 ng/ul m
RT: 28.13 min Scan# 3748
Delta R.T. 0.01 min
Lab File: BE095229.D
Acq: 29 Jan 2018 4:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	29.5	20.5	30.7

