

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095303.D
 Acq On : 31 Jan 2018 6:37
 Operator : SJ/JU
 Sample : J1223-07DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A73DL

Manual Integrations
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Quant Time: Jan 31 08:22:39 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 08:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2715	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8482	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5122	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10631	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11678	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11479	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	742	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2013	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	10134	0.427	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	1502	0.095	ng/ul	100
8) Acenaphthene	15.08	153	973	0.051	ng/ul	94
9) Fluorene	16.02	166	571	0.029	ng/ul#	74
11) Pentachlorophenol	17.36	266	11071	5.377	ng/ul	95
12) Phenanthrene	17.75	178	17041	0.477	ng/ul#	88
13) Anthracene	17.85	178	2247	0.069	ng/ul	93
15) Fluoranthene	19.72	202	40079	0.866	ng/ul	84
17) Pyrene	20.08	202	30047	0.767	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	7108	0.195	ng/ul#	87
19) Chrysene	21.84	228	7818	0.206	ng/ul	96
21) Benzo(b)fluoranthene	23.63	252	5958m	0.147	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1399m	0.038	ng/ul	
23) Benzo(a)pyrene	24.32	252	2080	0.058	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	27.25	276	1012	0.026	ng/ul#	76
26) Benzo(a,h,i)perylene	28.12	276	776	0.023	ng/ul#	68

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

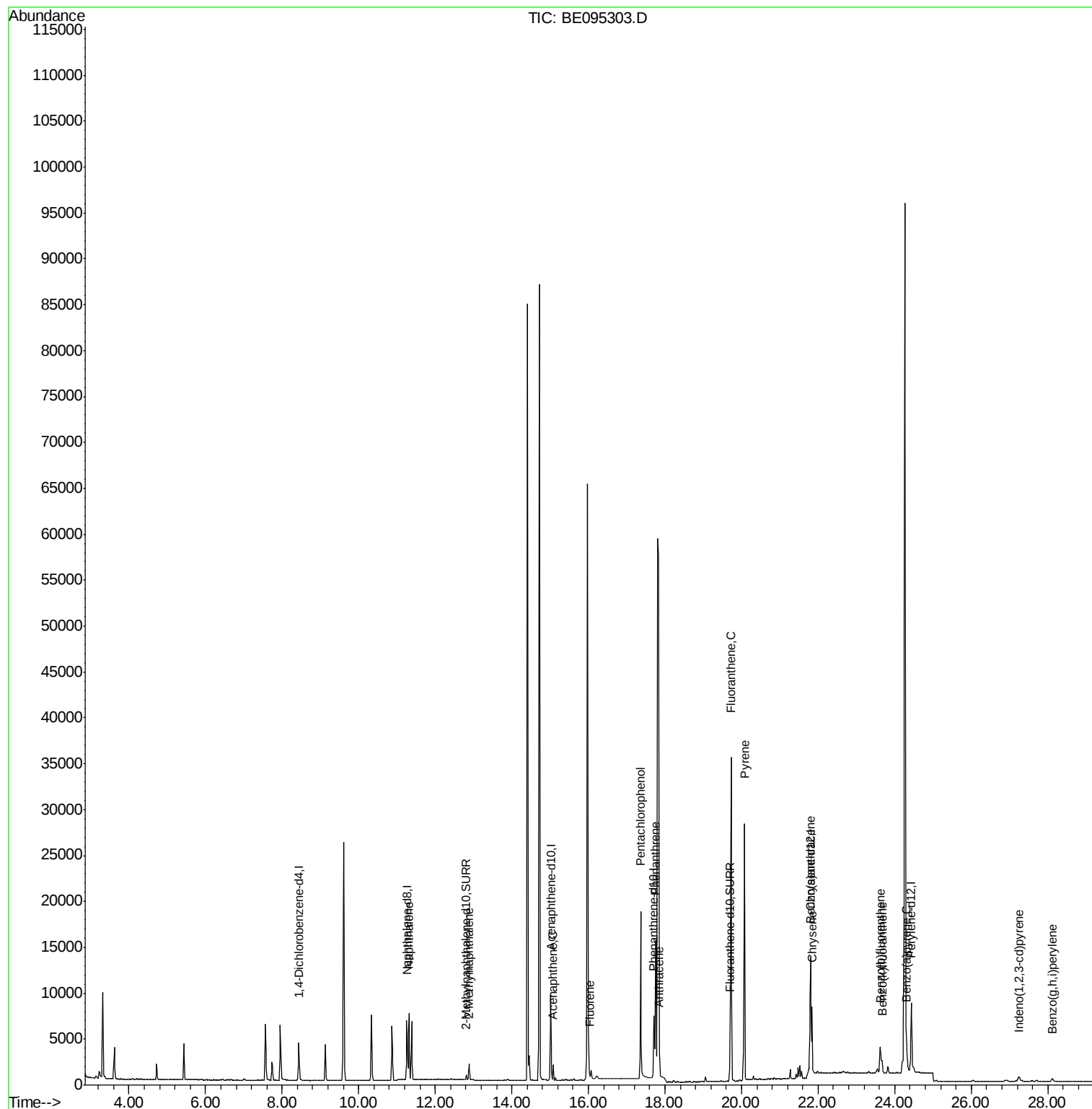
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
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ALS Vial : 28 Sample Multiplier: 1

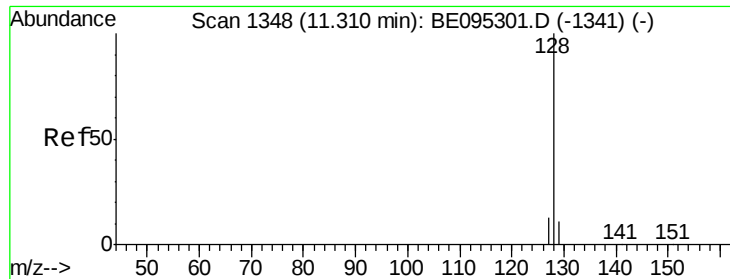
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 08:16:13 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.427 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095303.D

Acq: 31 Jan 2018 6:37

Instrument :

BNA_E

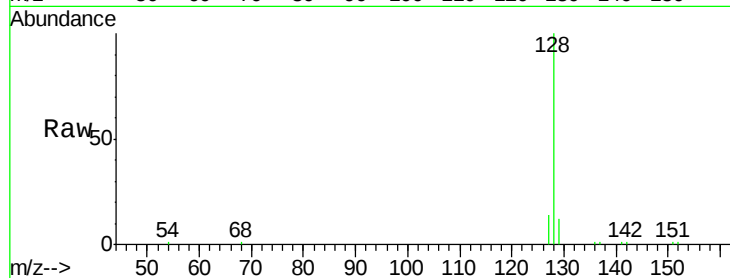
ClientSampleId :

F6A73DL

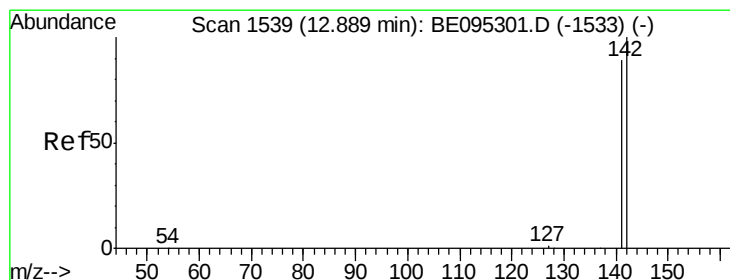
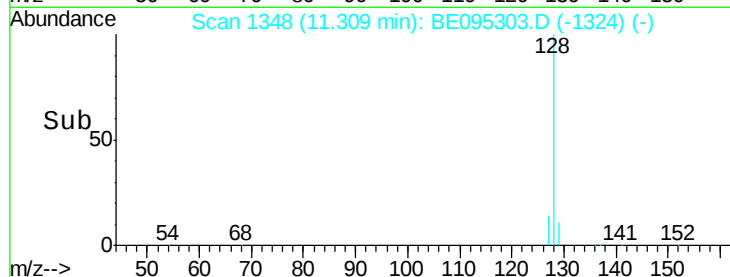
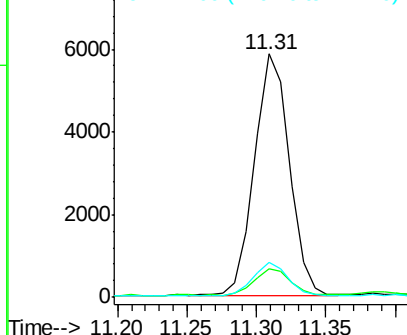
Tot Ion:	128	Resp:	10134
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.3	16.9
127	14.2	4.0	6.0#

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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: 0.095 ng/ul

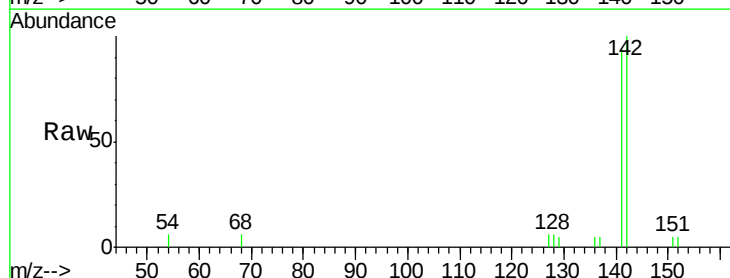
RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

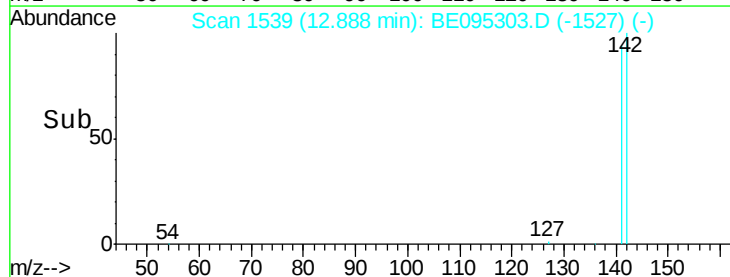
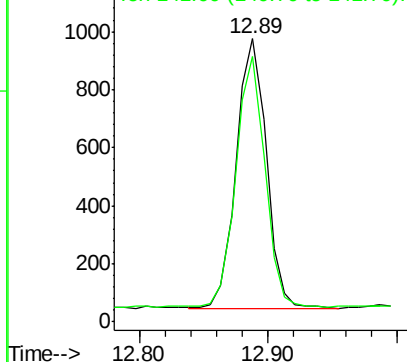
Lab File: BE095303.D

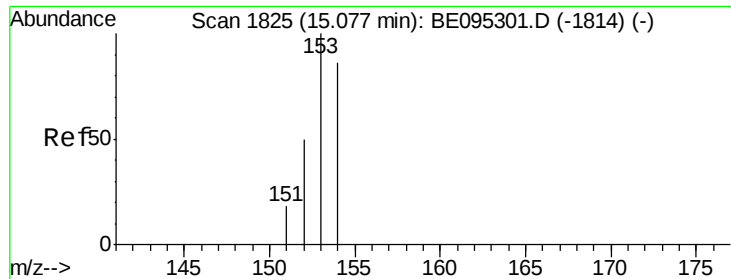
Acq: 31 Jan 2018 6:37

Tgt Ion:	142	Resp:	1502
Ion Ratio	Lower	Upper	
142	100		
141	90.5	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.051 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095303.D

Acq: 31 Jan 2018 6:37

Instrument :

BNA_E

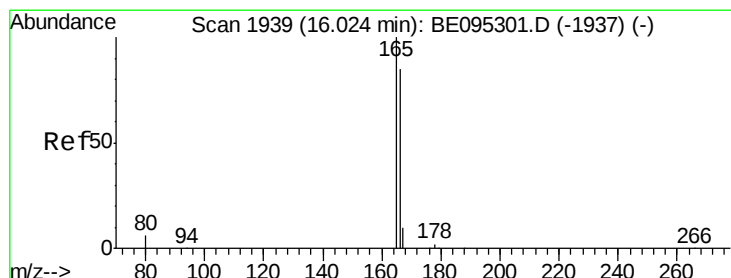
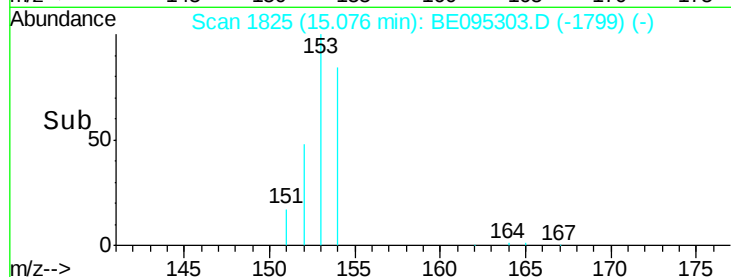
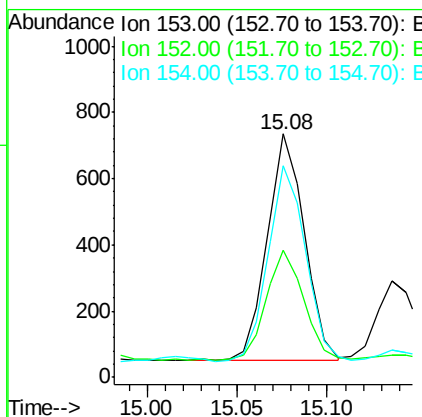
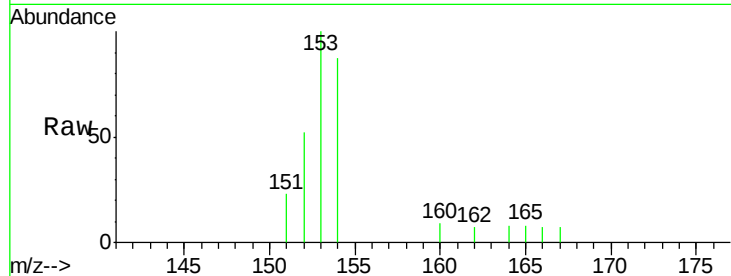
ClientSampled :

F6A73DL

Tot Ion:	153	Resp:	973
Ion Ratio	Lower	Upper	
153	100		
152	52.0	36.0	54.0
154	87.1	72.0	108.0

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#9

Fluorene

Concen: 0.029 ng/ul

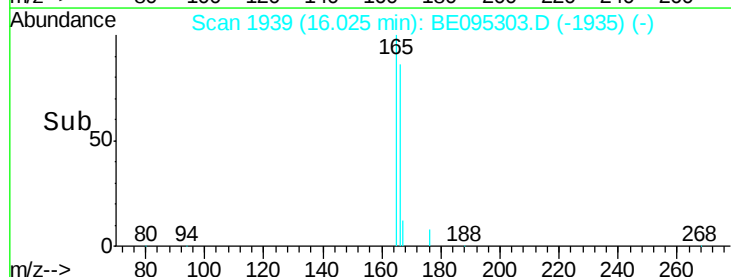
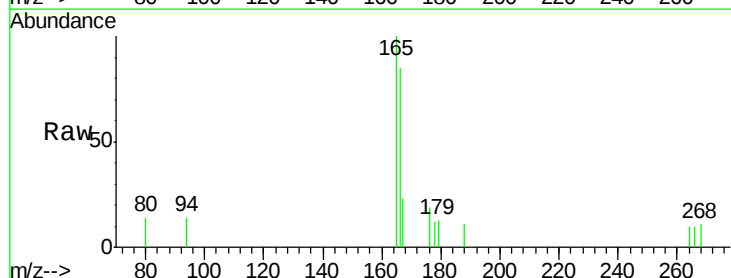
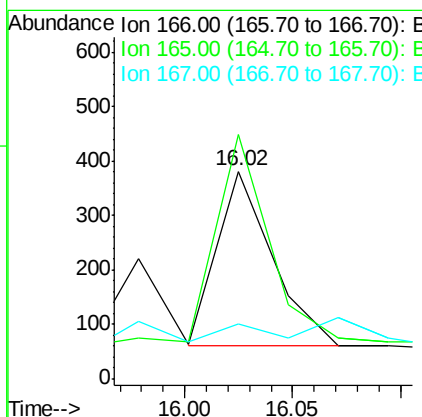
RT: 16.02 min Scan# 1939

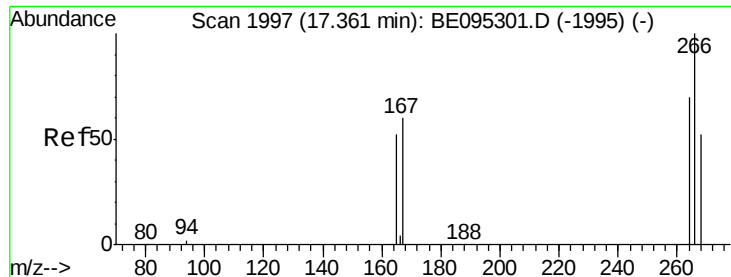
Delta R.T. 0.00 min

Lab File: BE095303.D

Acq: 31 Jan 2018 6:37

Tgt Ion:	166	Resp:	571
Ion Ratio	Lower	Upper	
166	100		
165	117.6	73.4	110.2#
167	26.5	14.6	22.0#





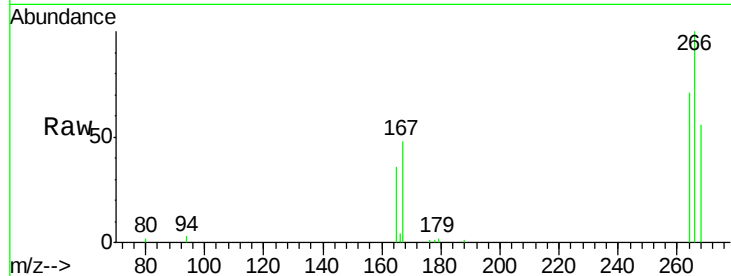
#11
 Pentachlorophenol
 Concen: 5.377 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095303.D
 Acq: 31 Jan 2018 6:37

Instrument :
 BNA_E
 ClientSampleID :
 F6A73DL

Tot Ion	Ratio	Lower	Upper
266	100		
264	66.5	47.9	71.9
268	61.3	49.8	74.8

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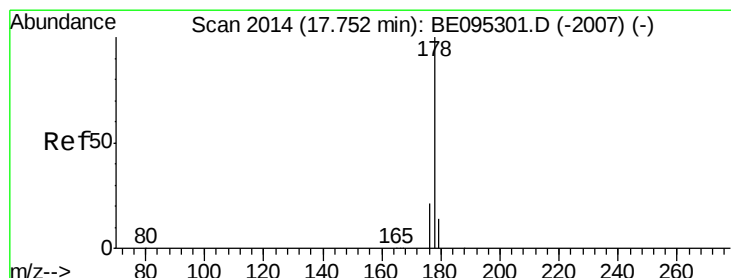
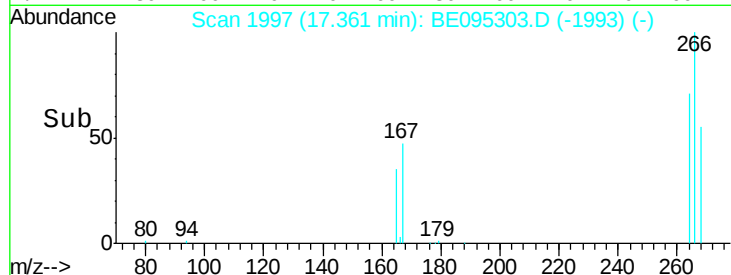
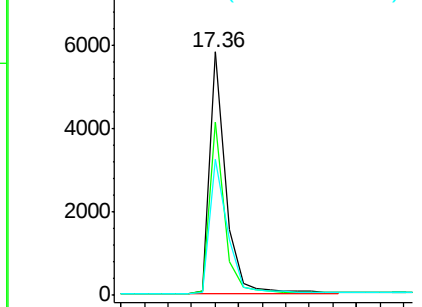


Abundance

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: 0.477 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095303.D
 Acq: 31 Jan 2018 6:37

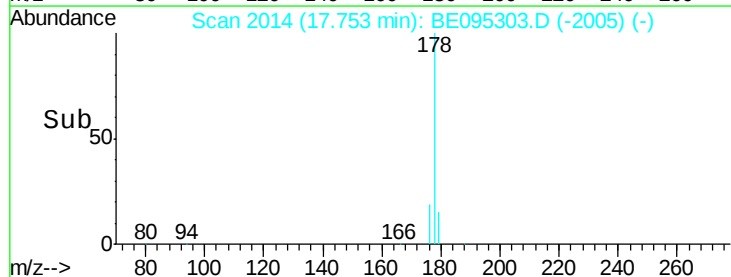
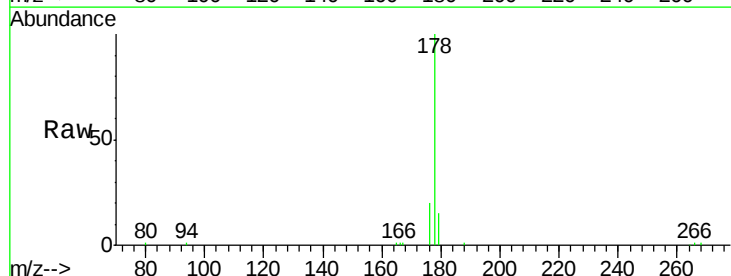
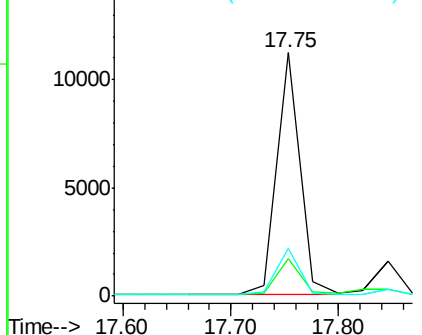
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	19.8	13.6	20.4

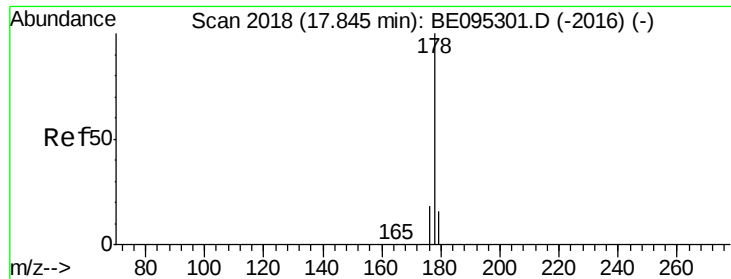
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





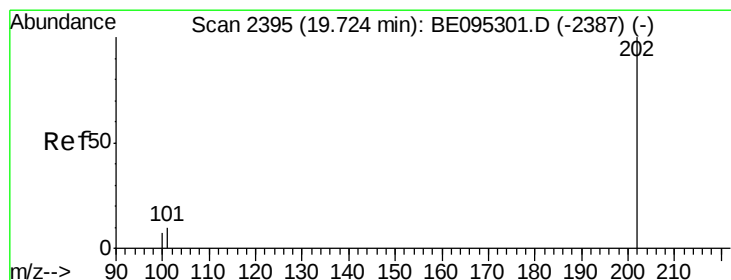
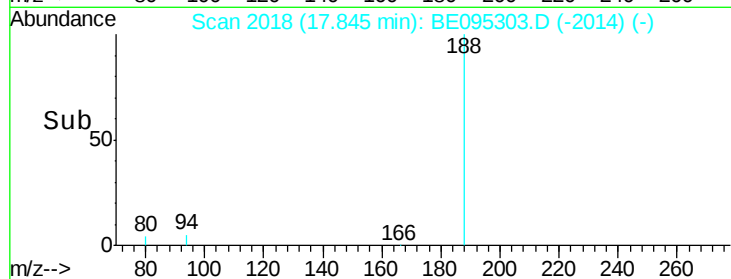
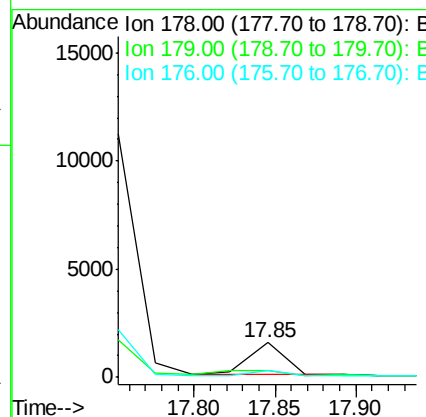
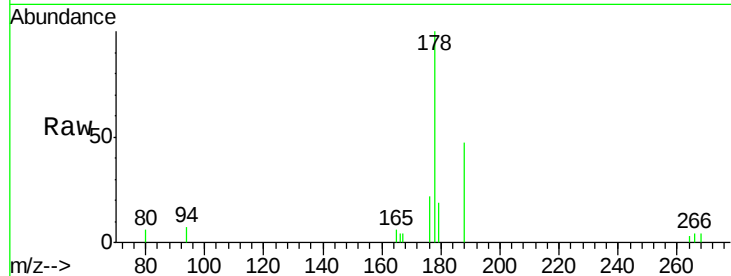
#13
 Anthracene
 Concen: 0.069 ng/ul
 RT: 17.85 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BE095303.D
 Acq: 31 Jan 2018 6:37

Instrument :
 BNA_E
 ClientSampleId :
 F6A73DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.0	18.1	27.1
176	21.6	14.7	22.1

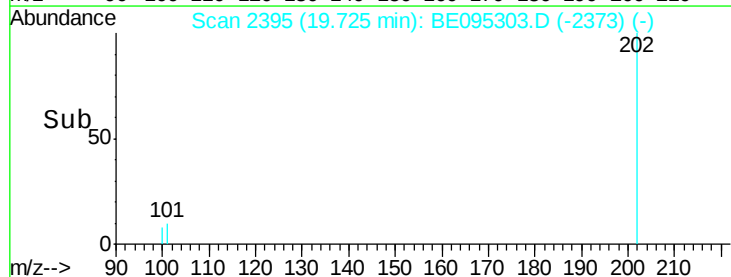
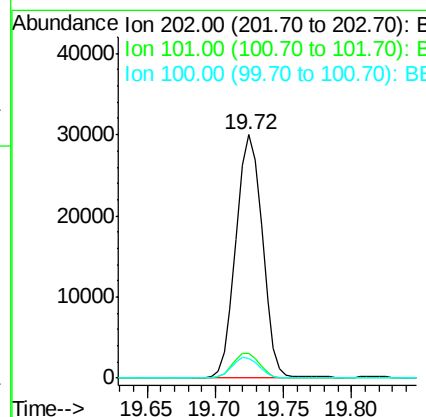
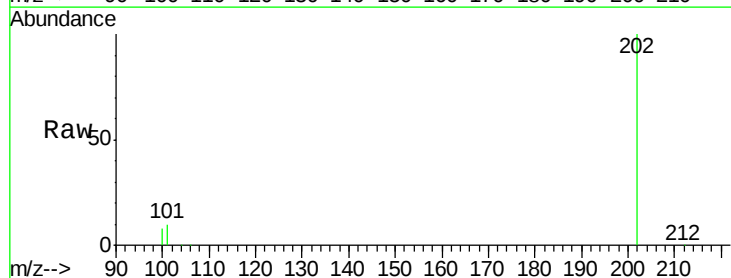
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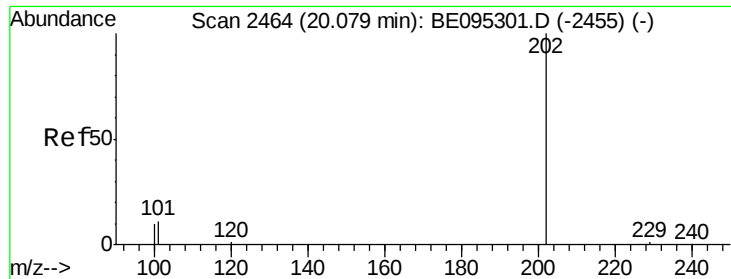
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#15
 Fluoranthene
 Concen: 0.866 ng/ul
 RT: 19.72 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BE095303.D
 Acq: 31 Jan 2018 6:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.3
100	8.3	0.0	39.5





#17

Pvrene

Concen: 0.767 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095303.D

Acq: 31 Jan 2018 6:37

Instrument :

BNA_E

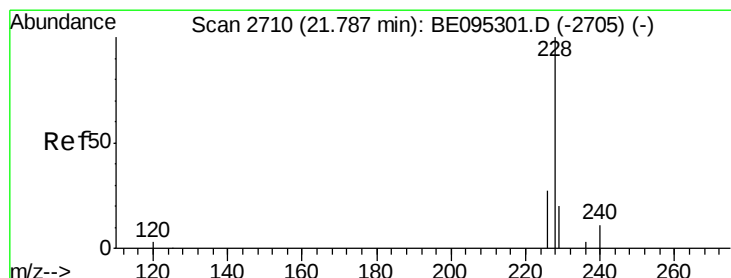
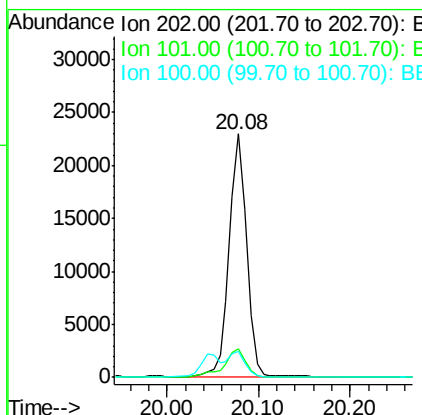
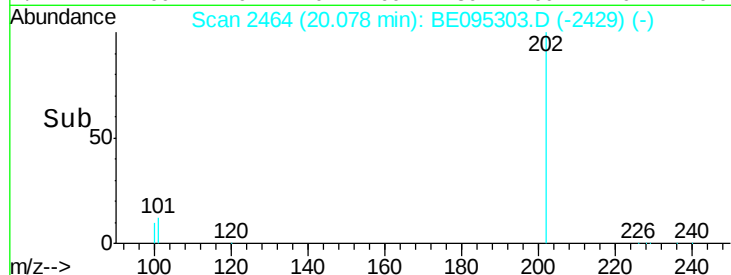
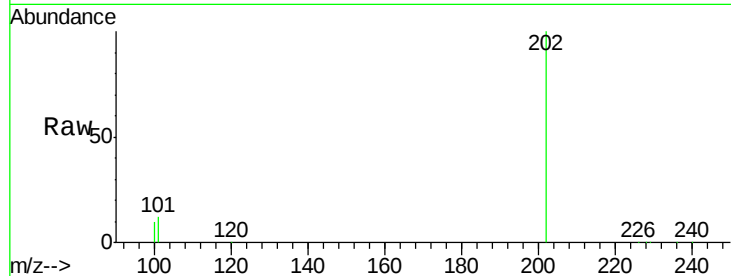
ClientSampleId :

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Tot Ion:	202	Resp:	30047
Ion Ratio		Lower	Upper
202	100		
101	11.9	18.2	27.4#
100	10.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.195 ng/ul

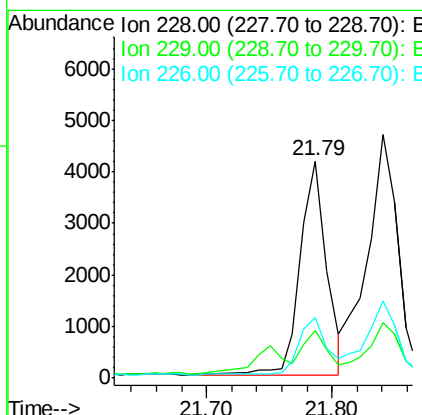
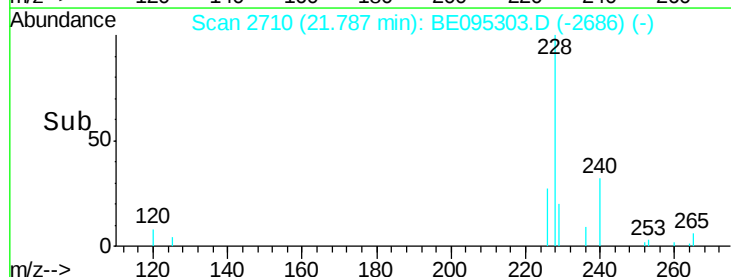
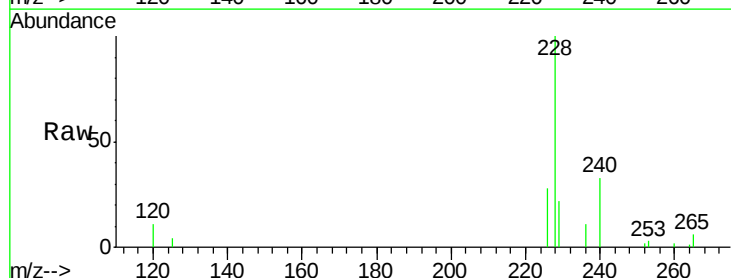
RT: 21.79 min Scan# 2710

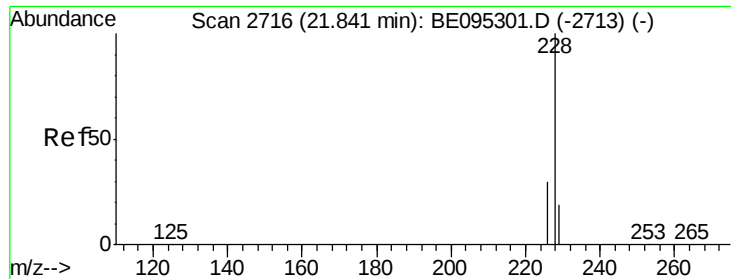
Delta R.T. 0.00 min

Lab File: BE095303.D

Acq: 31 Jan 2018 6:37

Tgt Ion:	228	Resp:	7108
Ion Ratio		Lower	Upper
228	100		
229	21.9	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 0.206 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095303.D

Acq: 31 Jan 2018 6:37

Instrument :

BNA_E

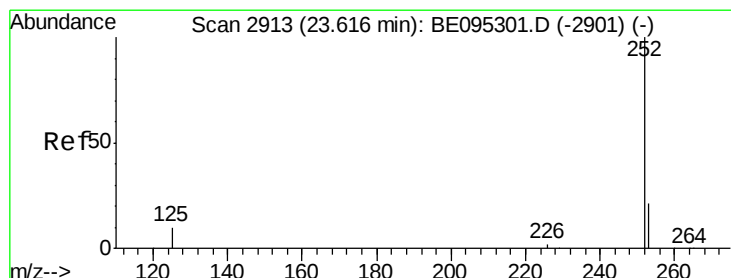
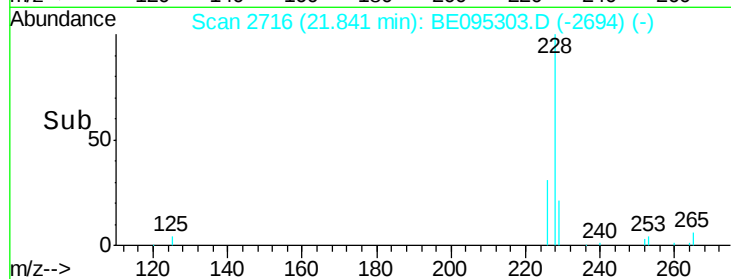
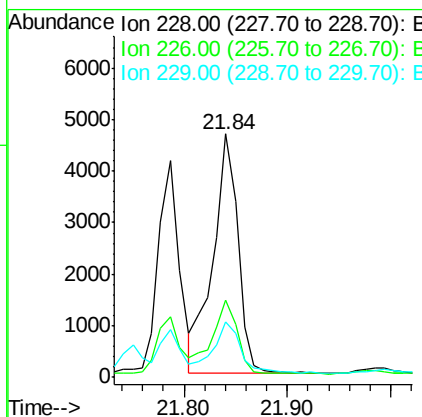
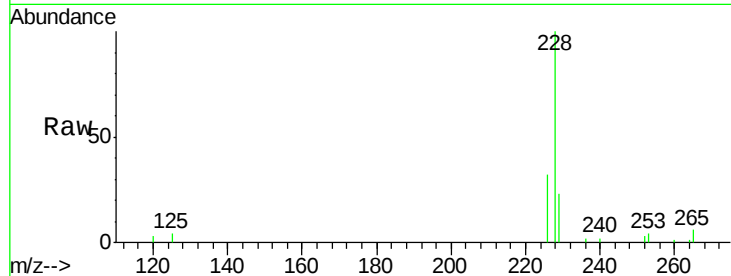
ClientSampleId :

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Tot Ion:	228	Resp:	7818
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.4	35.0
229	22.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.147 ng/ul m

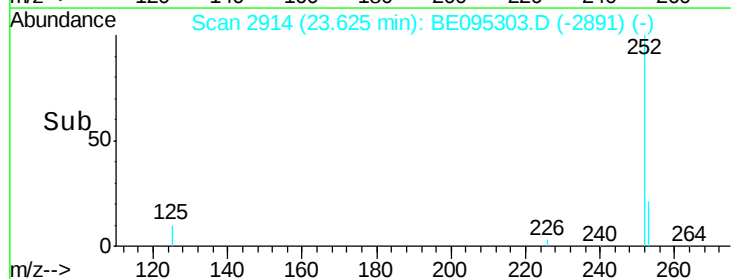
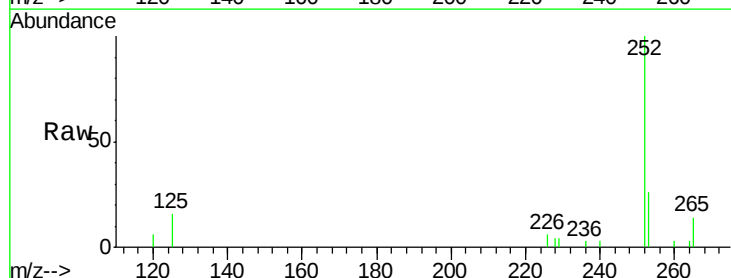
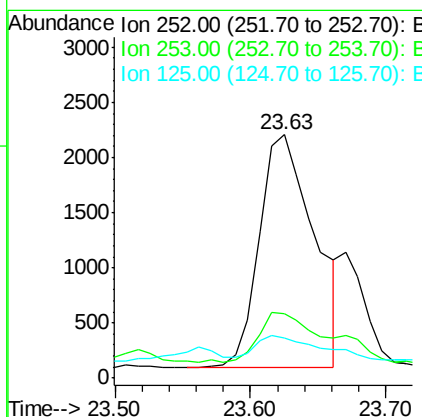
RT: 23.63 min Scan# 2914

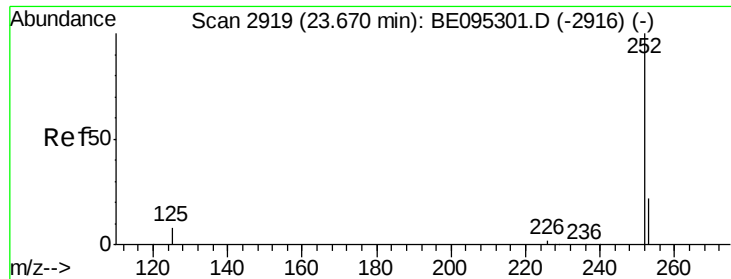
Delta R.T. 0.01 min

Lab File: BE095303.D

Acq: 31 Jan 2018 6:37

Tgt Ion:	252	Resp:	5958
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	64.2
125	16.4	0.0	35.0





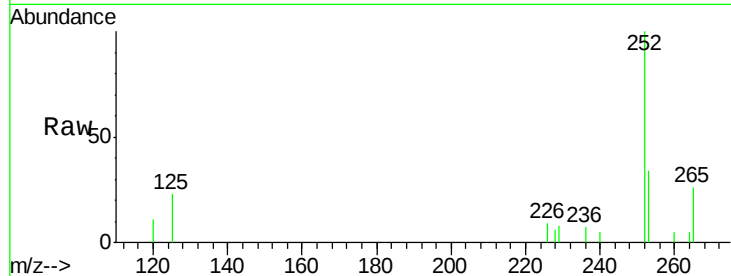
#22
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095303.D
Acq: 31 Jan 2018 6:37

Instrument :
BNA_E
ClientSampleId :
F6A73DL

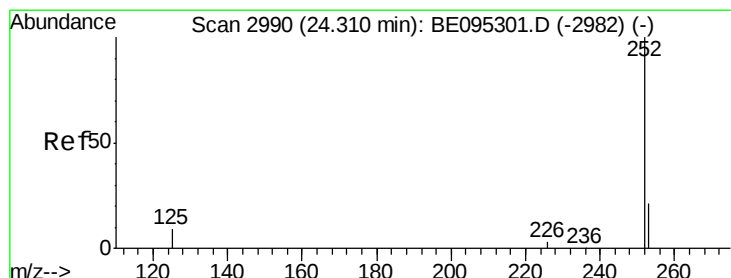
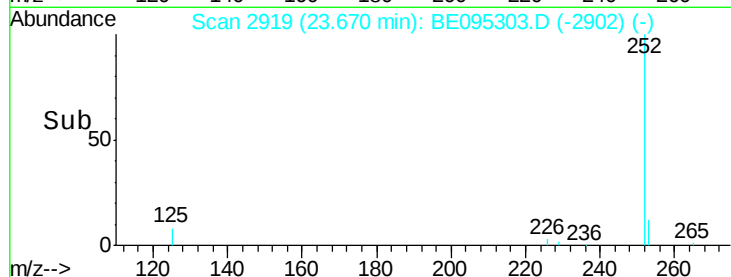
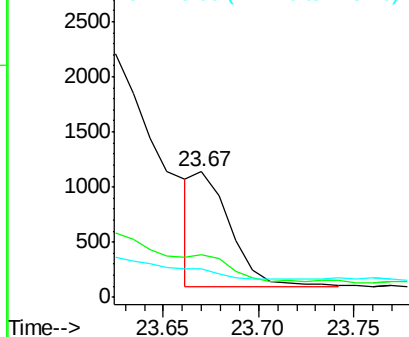
Tot Ion	Ratio	Lower	Upper
252	100		
253	33.6	24.5	36.7
125	22.8	13.7	20.5

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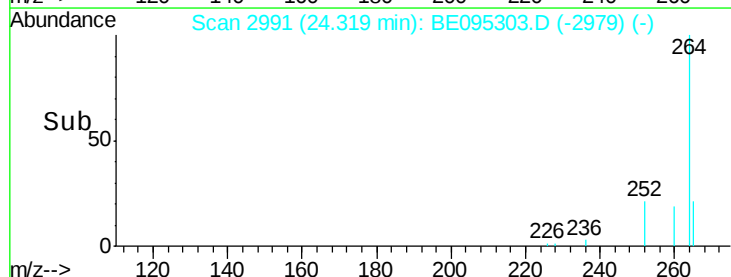
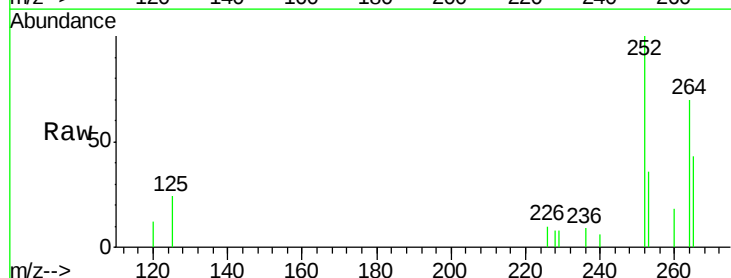
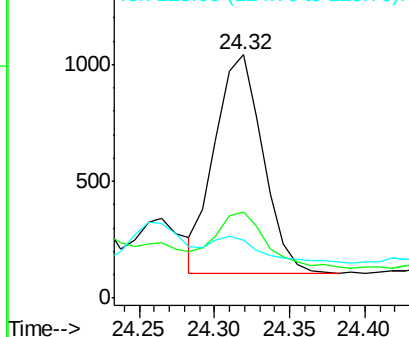
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

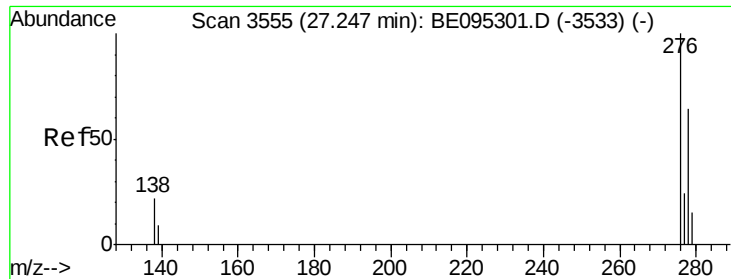


#23
Benzo(a)pyrene
Concen: 0.058 ng/ul
RT: 24.32 min Scan# 2991
Delta R.T. 0.01 min
Lab File: BE095303.D
Acq: 31 Jan 2018 6:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.7	28.5	42.7
125	24.0	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





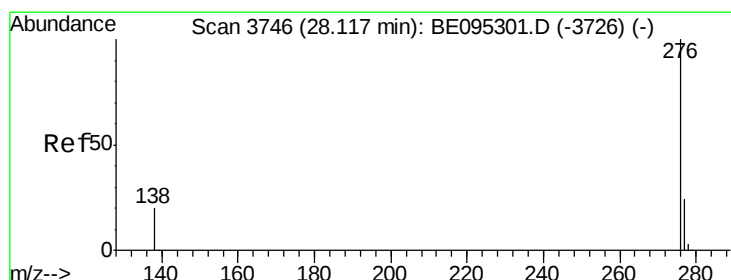
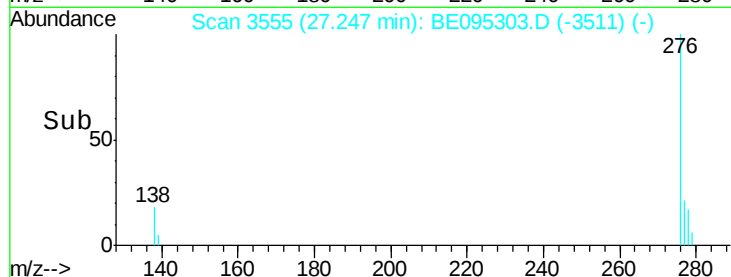
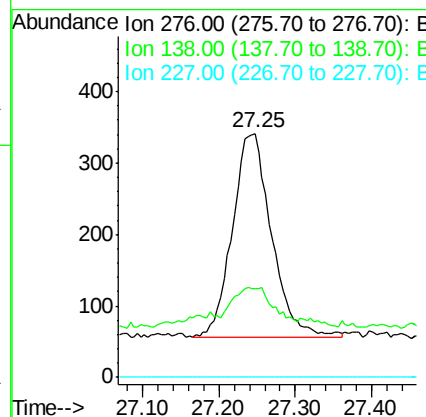
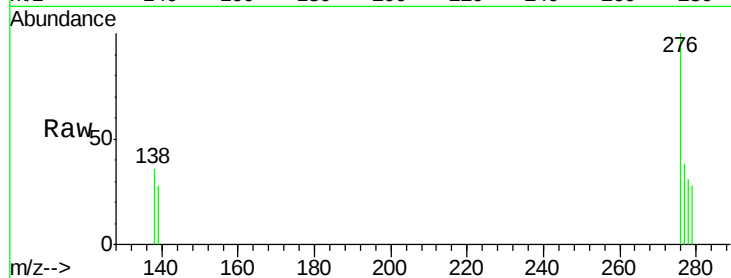
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.026 ng/ul
 RT: 27.25 min Scan# 3555
 Delta R.T. 0.00 min
 Lab File: BE095303.D
 Acq: 31 Jan 2018 6:37

Instrument :
 BNA_E
 ClientSampleId :
 F6A73DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:28:43 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.023 ng/ul
 RT: 28.12 min Scan# 3747
 Delta R.T. 0.00 min
 Lab File: BE095303.D
 Acq: 31 Jan 2018 6:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.5	21.8	32.8#
277	43.6	20.5	30.7#

