

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092917\
 Data File : BE094147.D
 Acq On : 29 Sep 2017 11:36
 Operator : SJ/JU
 Sample : I5505-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE1

Manual Integrations
 APPROVED

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Quant Time: Sep 29 14:38:11 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 14:23:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1547	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7991	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5379	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	13328m	0.40	ng/ul	-0.04
16) Chrysene-d12	21.40	240	13519	0.40	ng/ul	-0.01
20) Perylene-d12	23.91	264	12031m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3240	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	9977	0.22	ng/ul	-0.02
Target Compounds				Qvalue		
12) Phenanthrene	17.27	178	2864	0.082	ng/ul#	86
15) Fluoranthene	19.29	202	6537	0.143	ng/ul	85
17) Pyrene	19.65	202	7430	0.198	ng/ul#	89
18) Benzo(a)anthracene	21.39	228	3134	0.087	ng/ul#	89
19) Chrysene	21.44	228	3266	0.079	ng/ul	92
21) Benzo(b)fluoranthene	23.14	252	4244m	0.130	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	1686m	0.045	ng/ul	
23) Benzo(a)pyrene	23.80	252	2991m	0.088	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	2079m	0.060	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	1887m	0.063	ng/ul	

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

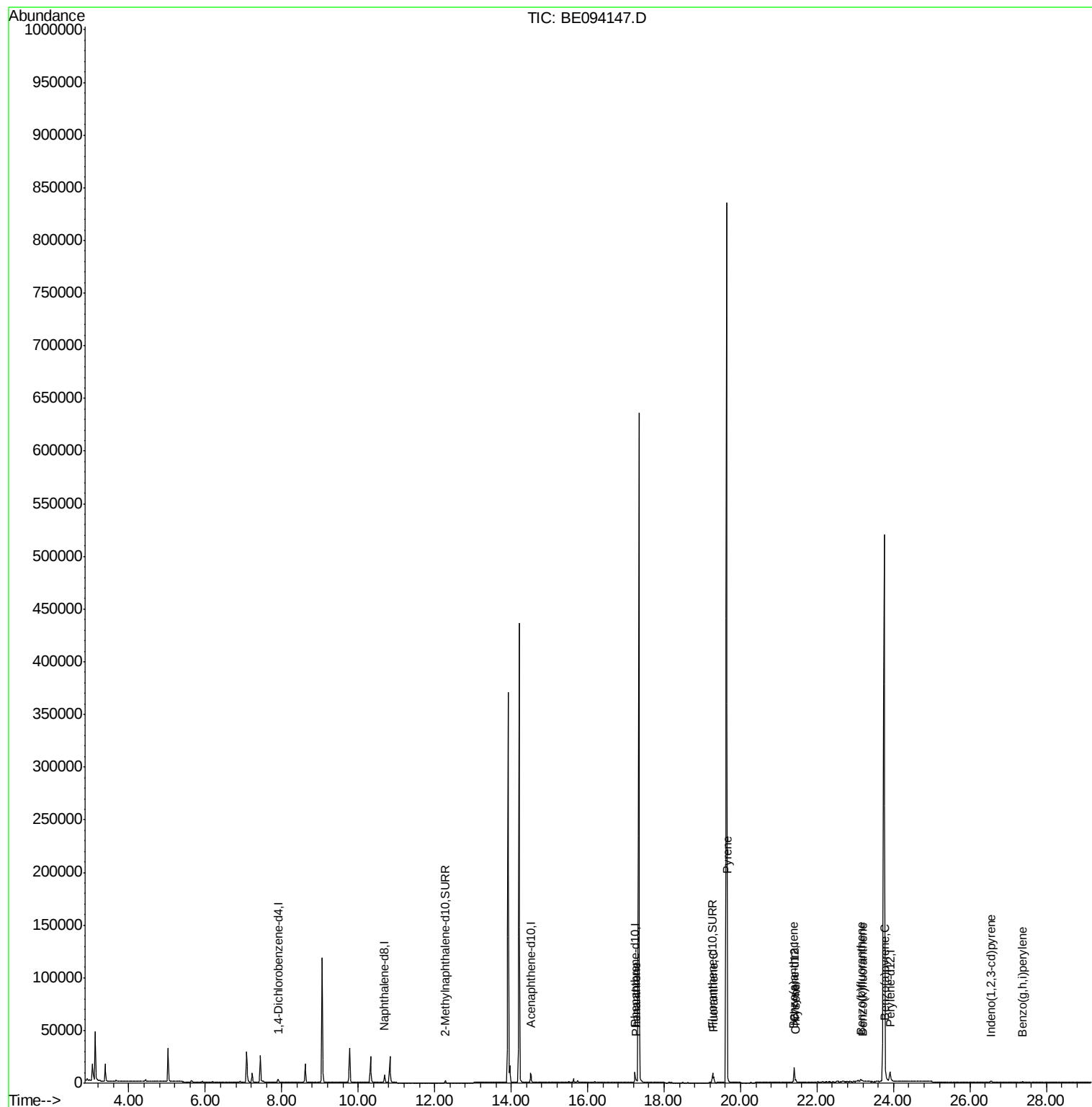
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092917\
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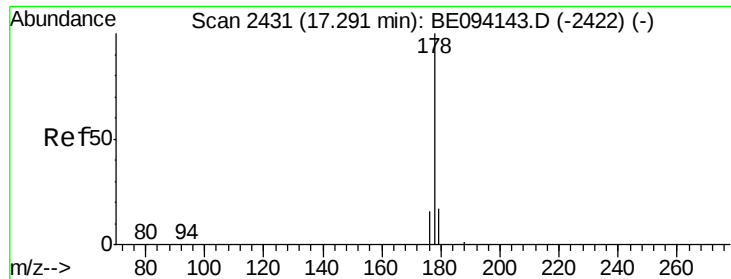
Instrument :
BNA_E
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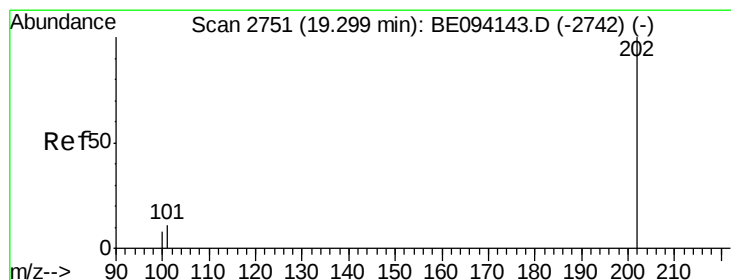
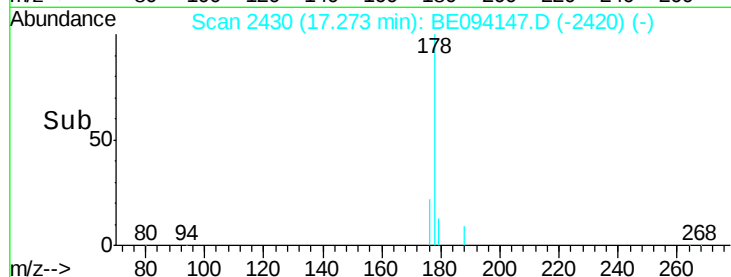
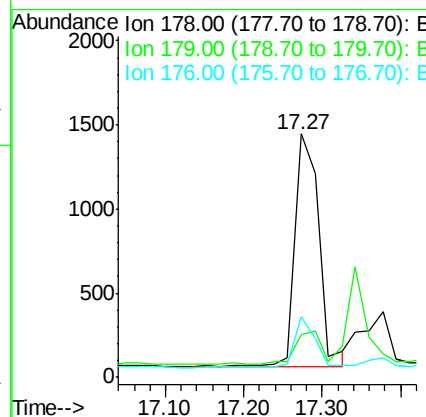
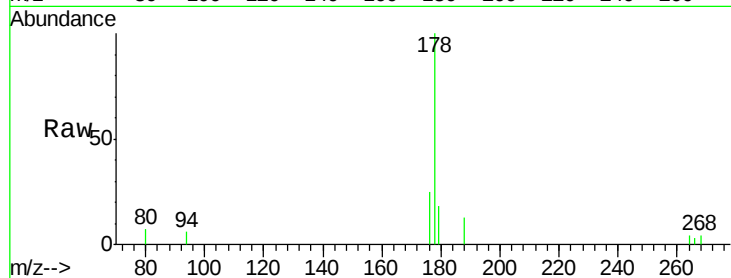
#12
Phenanthrene
Concen: 0.082 ng/ul
RT: 17.27 min Scan# 2430
Delta R.T. -0.04 min
Lab File: BE094147.D
Acq: 29 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :
B0AE1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.4	27.6#
176	24.9	13.6	20.4#

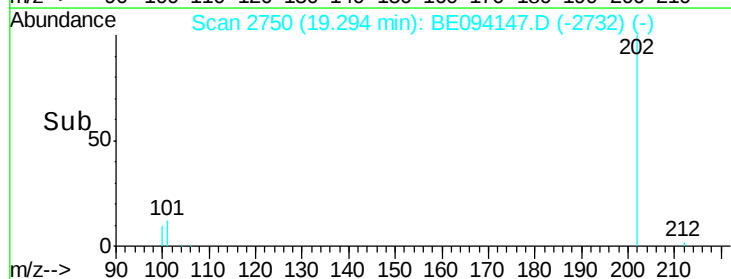
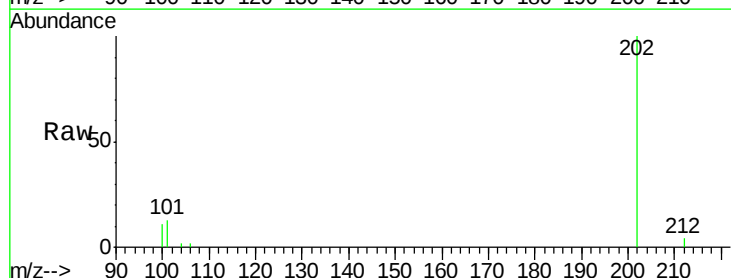
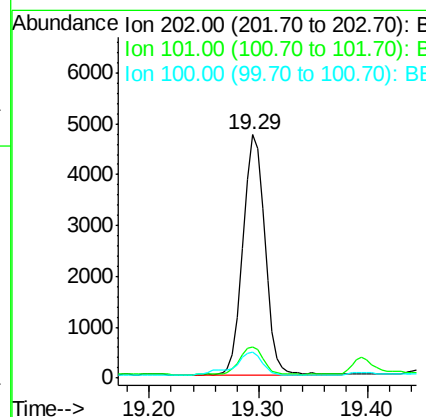
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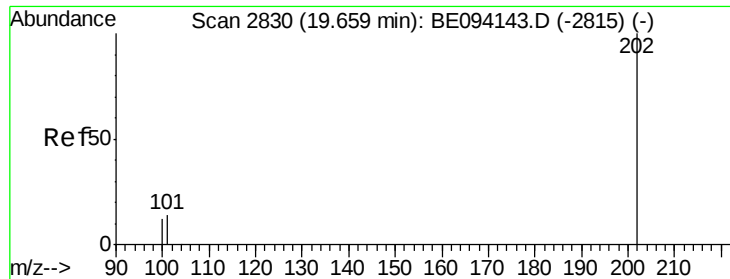
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#15
Fluoranthene
Concen: 0.143 ng/ul
RT: 19.29 min Scan# 2750
Delta R.T. -0.02 min
Lab File: BE094147.D
Acq: 29 Sep 2017 11:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	30.3
100	10.7	0.0	39.5





#17

Pyrene

Concen: 0.198 ng/ul

RT: 19.65 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BE094147.D

Acq: 29 Sep 2017 11:36

Instrument :

BNA_E

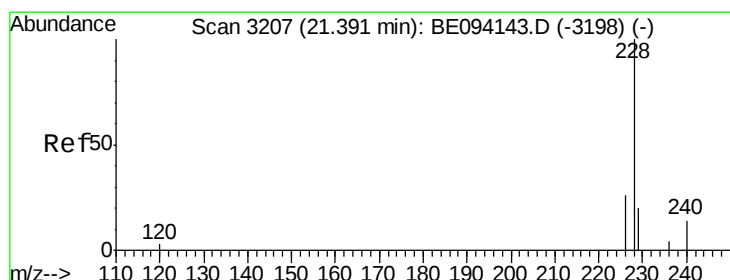
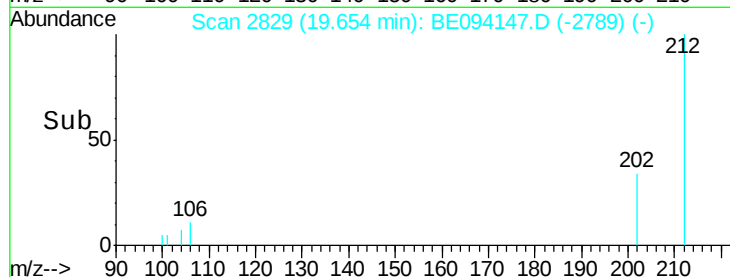
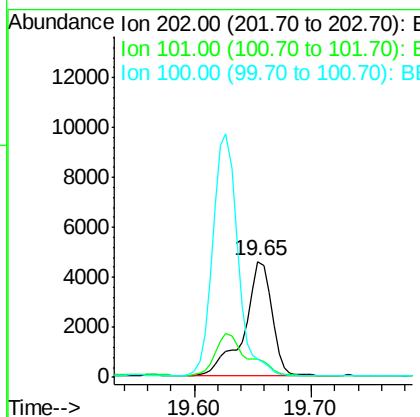
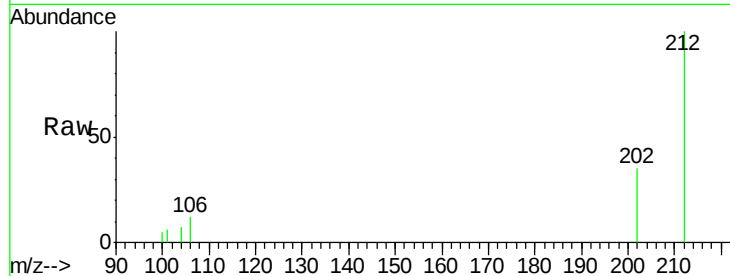
ClientSampled :

B0AE1

Tgt Ion:	202	Resp:	7430
Ion Ratio	Lower	Upper	
202	100		
101	16.3	18.2	27.4#
100	15.6	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.087 ng/ul

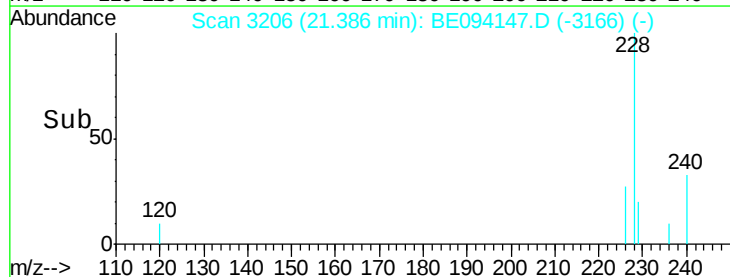
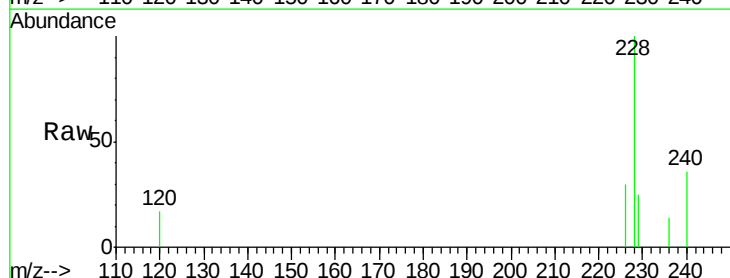
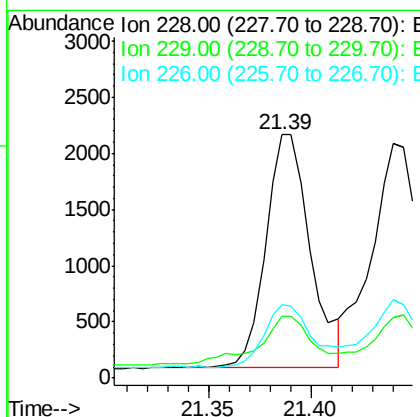
RT: 21.39 min Scan# 3206

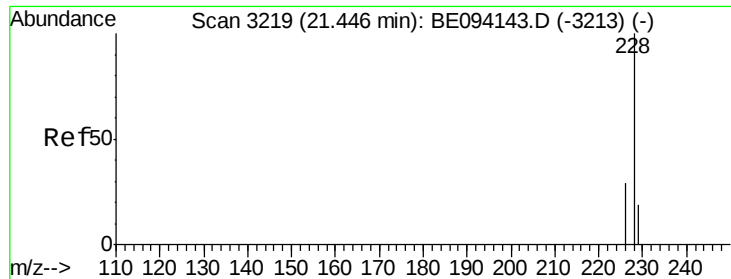
Delta R.T. -0.02 min

Lab File: BE094147.D

Acq: 29 Sep 2017 11:36

Tgt Ion:	228	Resp:	3134
Ion Ratio	Lower	Upper	
228	100		
229	25.2	22.8	34.2
226	30.0	17.0	25.6#





#19

Chrysene

Concen: 0.079 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE094147.D

Acq: 29 Sep 2017 11:36

Instrument :

BNA_E

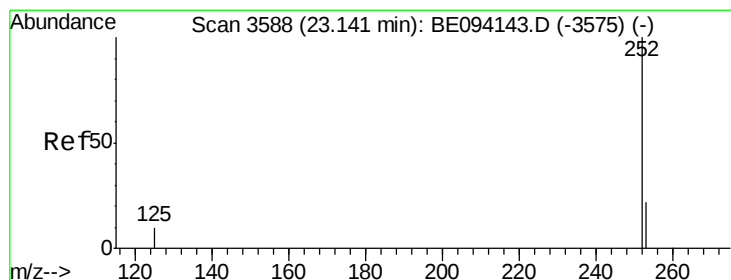
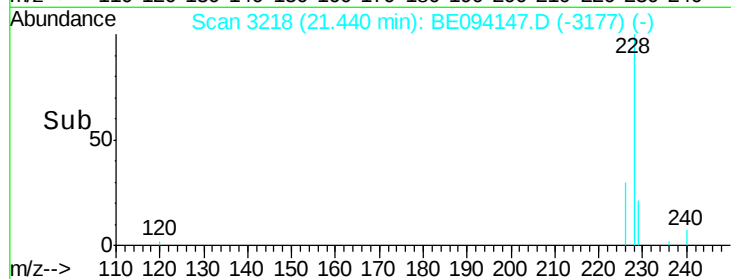
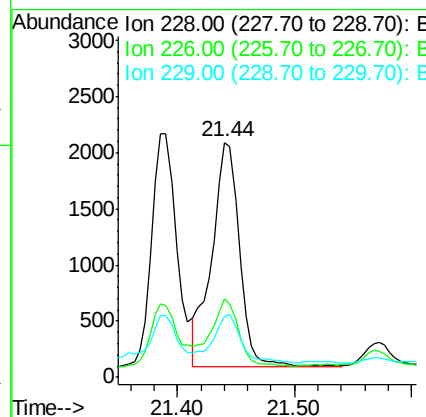
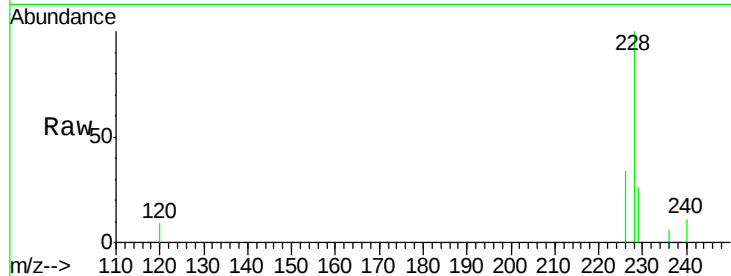
ClientSampled :

B0AE1

Tgt Ion:	228	Resp:	3266
Ion Ratio	Lower	Upper	
228	100		
226	33.5	23.4	35.0
229	25.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.130 ng/ul m

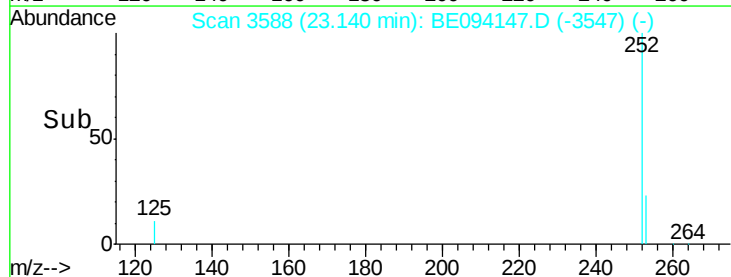
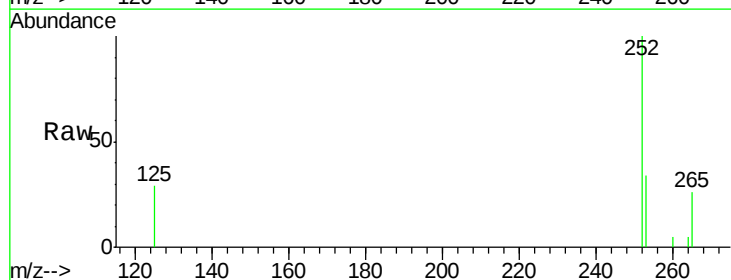
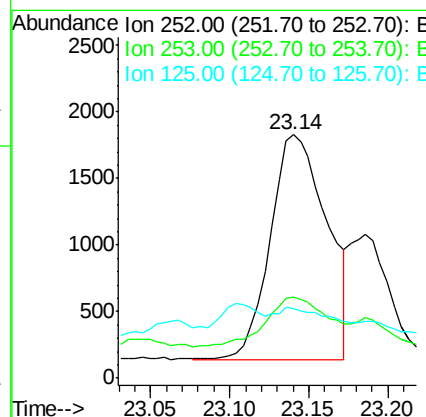
RT: 23.14 min Scan# 3588

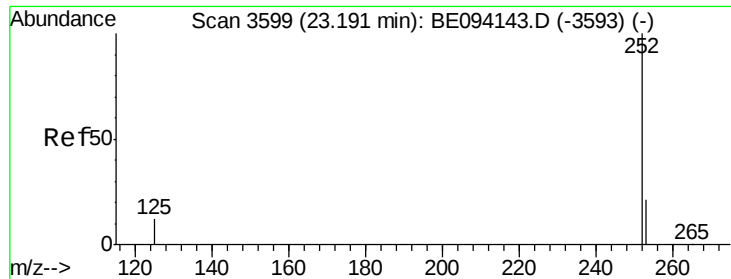
Delta R.T. -0.01 min

Lab File: BE094147.D

Acq: 29 Sep 2017 11:36

Tgt Ion:	252	Resp:	4244
Ion Ratio	Lower	Upper	
252	100		
253	33.5	0.0	64.2
125	28.5	0.0	35.0





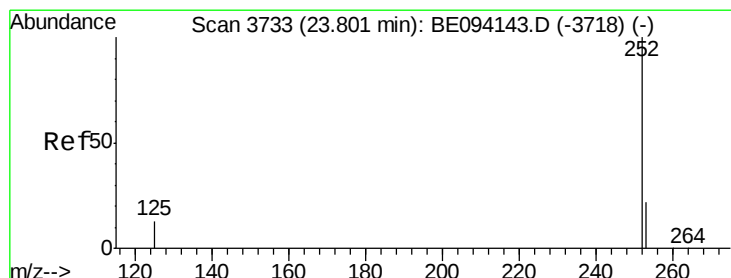
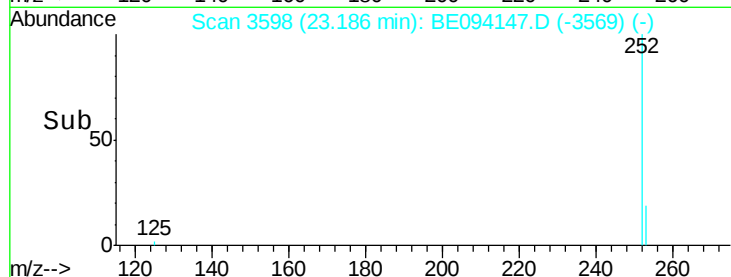
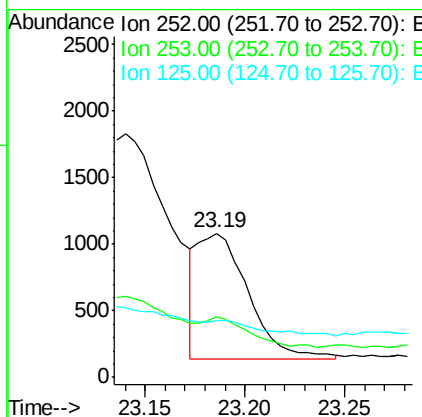
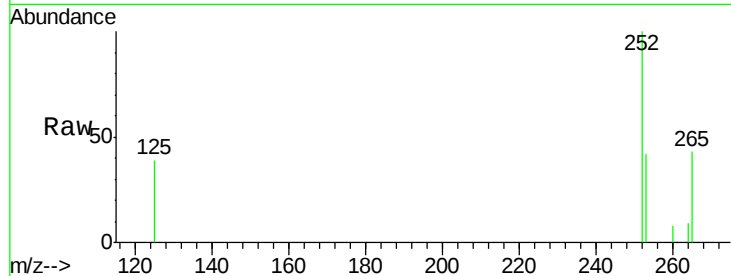
#22
Benzo(k)fluoranthene
Concen: 0.045 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.02 min
Lab File: BE094147.D
Acq: 29 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :
B0AE1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.1	24.5	36.7#
125	39.4	13.7	20.5#

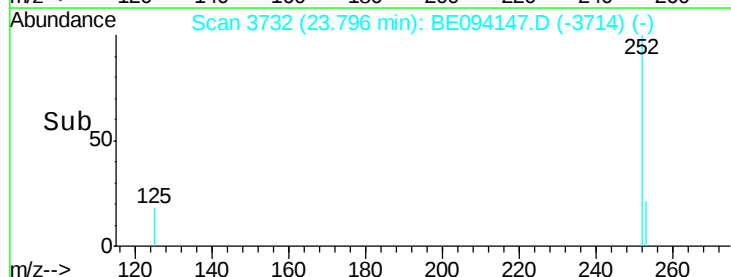
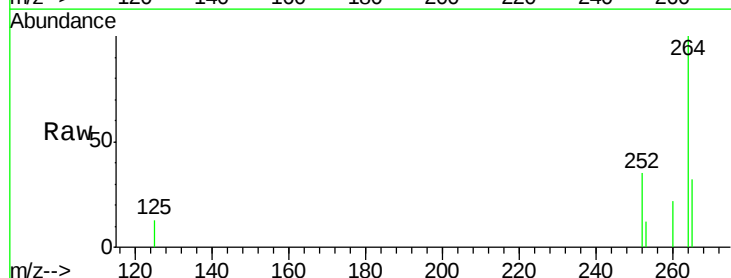
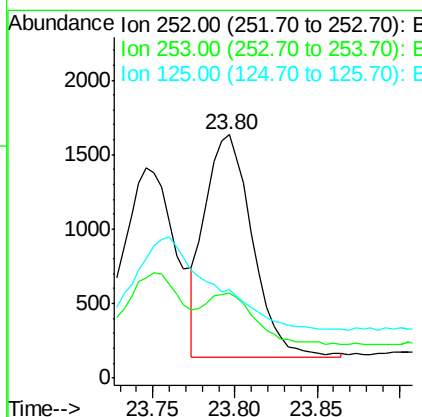
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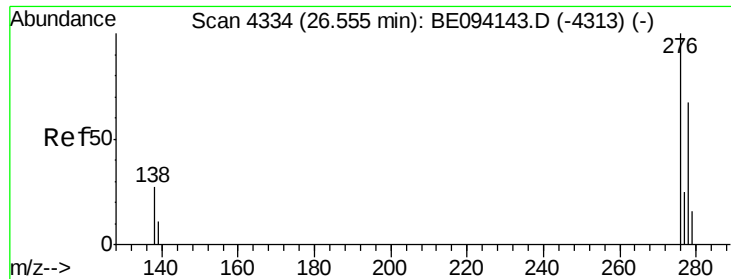
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#23
Benzo(a)pyrene
Concen: 0.088 ng/ul m
RT: 23.80 min Scan# 3732
Delta R.T. -0.02 min
Lab File: BE094147.D
Acq: 29 Sep 2017 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.7	28.5	42.7
125	36.2	18.1	27.1#





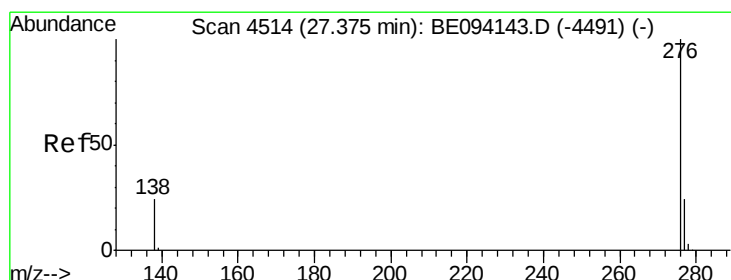
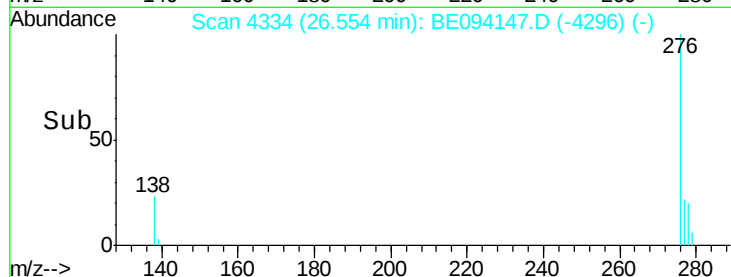
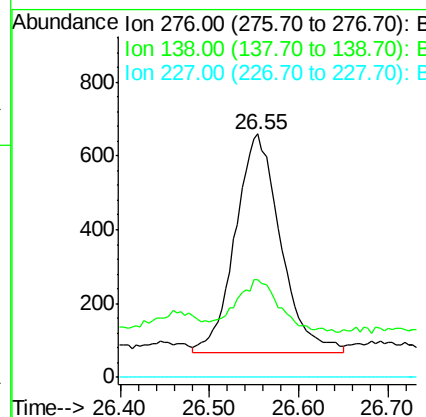
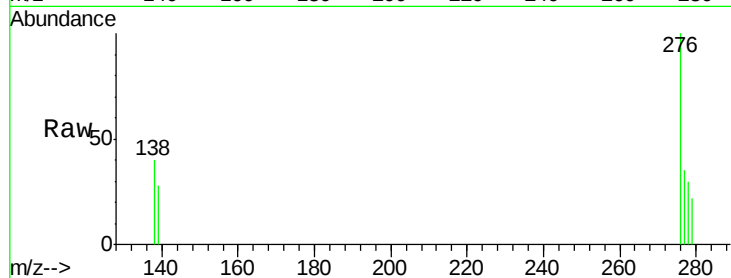
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.060 ng/ul m
 RT: 26.55 min Scan# 4334
 Delta R.T. -0.03 min
 Lab File: BE094147.D
 Acq: 29 Sep 2017 11:36

Instrument :
 BNA_E
 ClientSampleId :
 B0AE1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.8	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.063 ng/ul m
 RT: 27.37 min Scan# 4513
 Delta R.T. -0.03 min
 Lab File: BE094147.D
 Acq: 29 Sep 2017 11:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.0	21.8	32.8#
277	34.6	20.5	30.7#

