

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
 Data File : BE093586.D
 Acq On : 25 Jul 2017 20:30
 Operator : SJ/JU
 Sample : I4209-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B22

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:56:02 PM

Quant Time: Jul 26 04:24:27 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 06:10:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2421	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13016	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20614m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22744	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20451m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6572	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	21730	0.33	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	2691	0.085	ng/ul#	95
12) Phenanthrene	17.29	178	1823	0.032	ng/ul#	90
15) Fluoranthene	19.30	202	2744	0.039	ng/ul	85
17) Pyrene	19.66	202	3211	0.048	ng/ul	93
18) Benzo(a)anthracene	21.40	228	1546	0.023	ng/ul#	86
19) Chrysene	21.45	228	1548	0.024	ng/ul#	85
21) Benzo(b)fluoranthene	23.15	252	2644	0.042	ng/ul#	68
23) Benzo(a)pyrene	23.80	252	2124m	0.035	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	1278m	0.023	ng/ul	

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

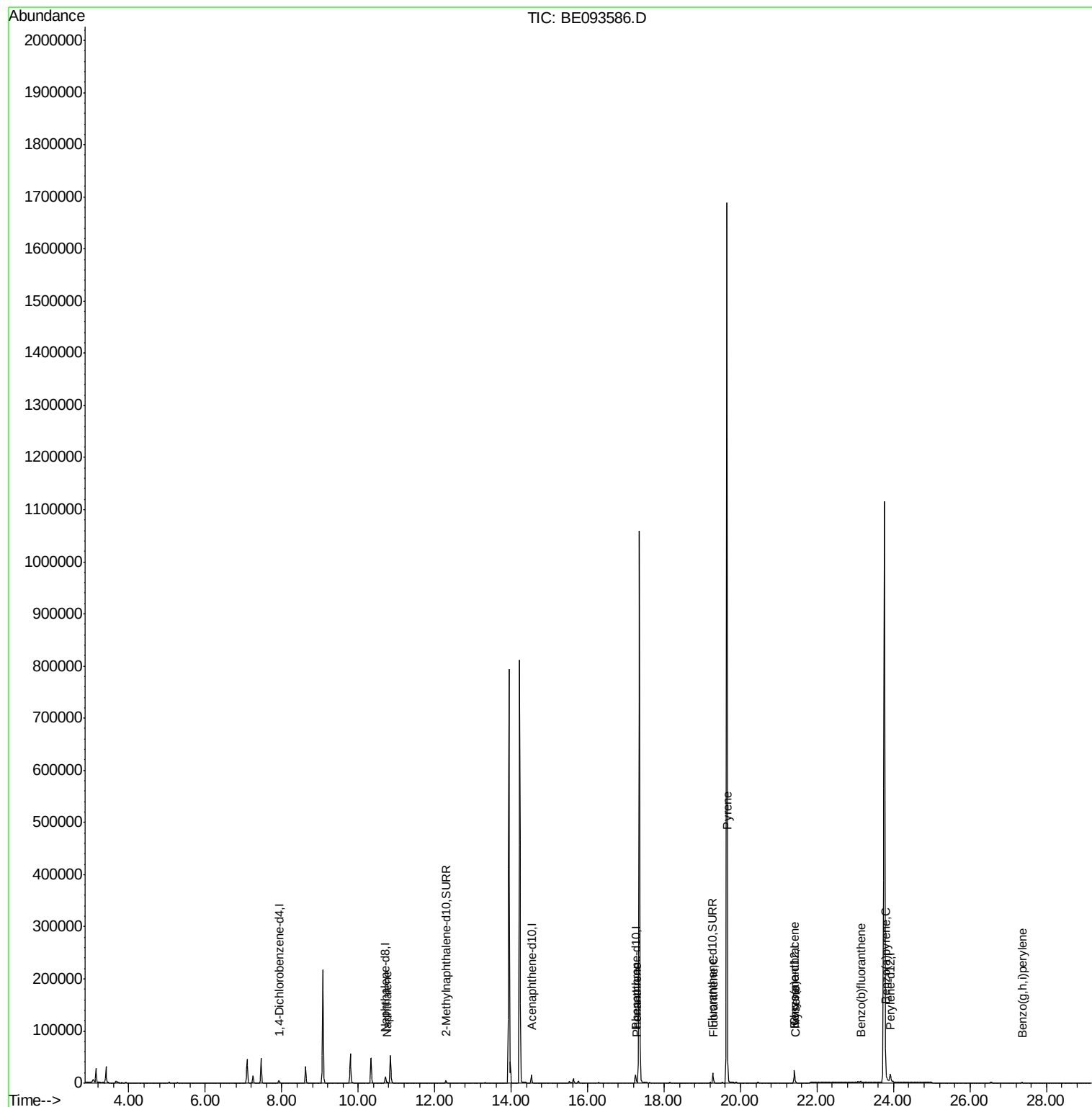
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
Data File : BE093586.D
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ALS Vial : 12 Sample Multiplier: 1

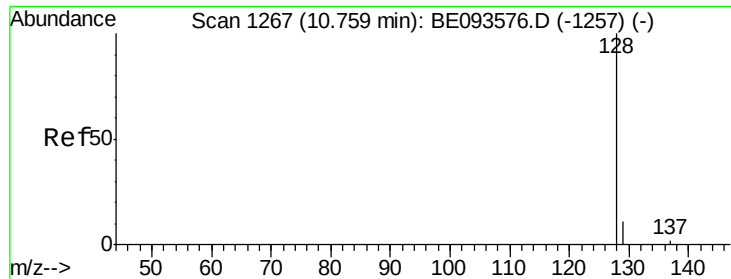
Instrument :
BNA_E
ClientSampleId :
C0B22

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Quant Time: Jul 26 04:24:27 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.085 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093586.D

Acq: 25 Jul 2017 20:30

Instrument :

BNA_E

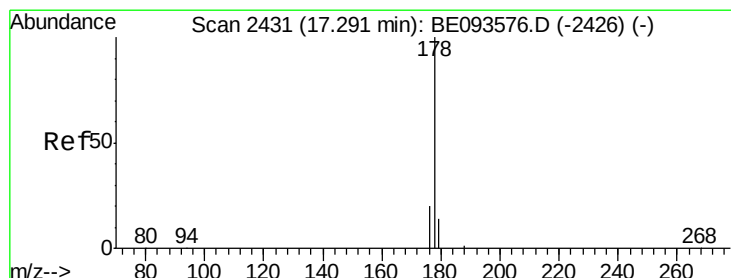
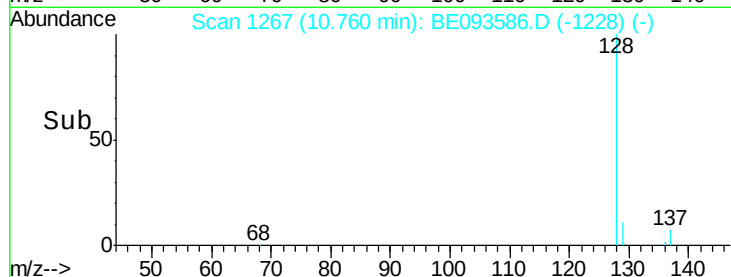
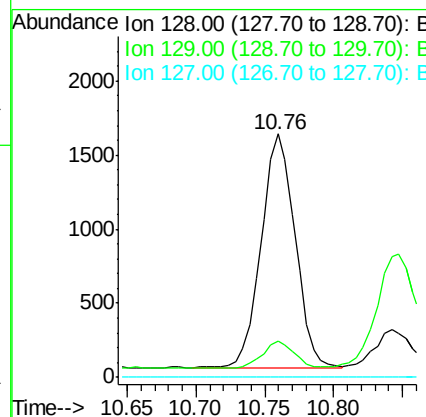
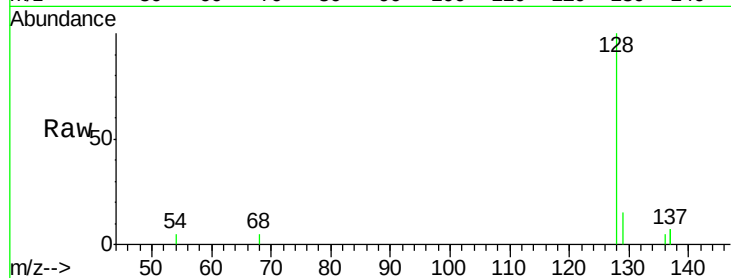
ClientSampled :

C0B22

Tgt Ion:	128	Resp:	2691
Ion Ratio	Lower	Upper	
128	100		
129	14.9	11.3	16.9
127	0.0	4.0	6.0#

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#12

Phenanthrene

Concen: 0.032 ng/ul

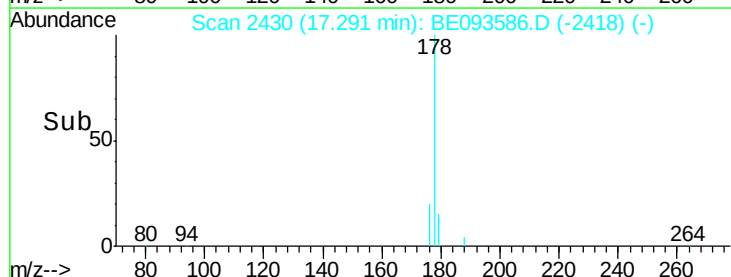
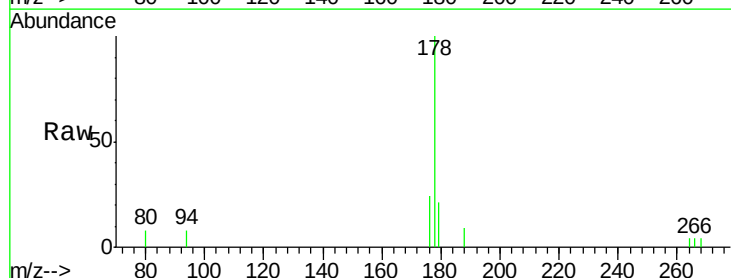
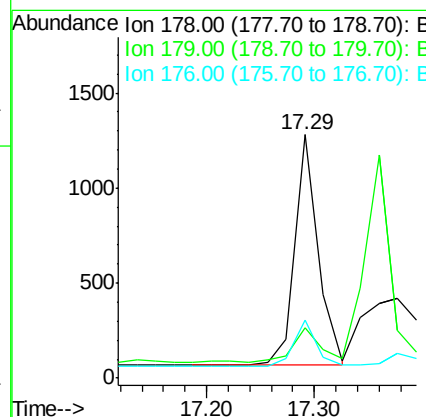
RT: 17.29 min Scan# 2430

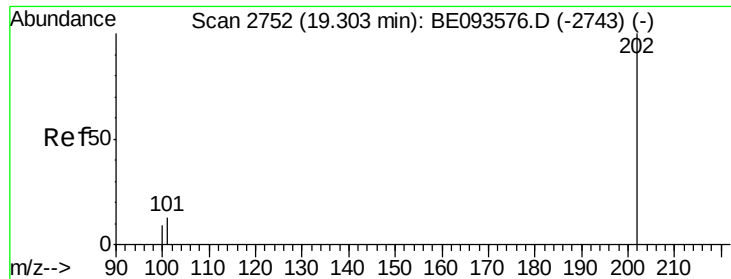
Delta R.T. 0.00 min

Lab File: BE093586.D

Acq: 25 Jul 2017 20:30

Tgt Ion:	178	Resp:	1823
Ion Ratio	Lower	Upper	
178	100		
179	20.5	18.4	27.6
176	23.7	13.6	20.4#





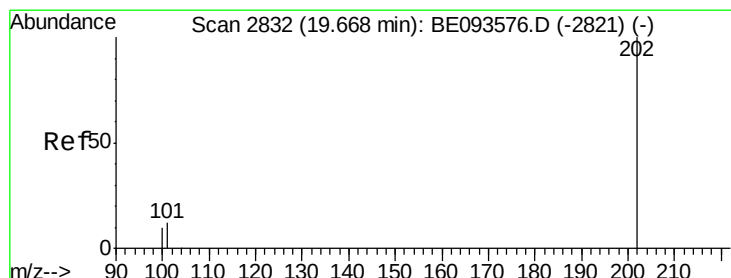
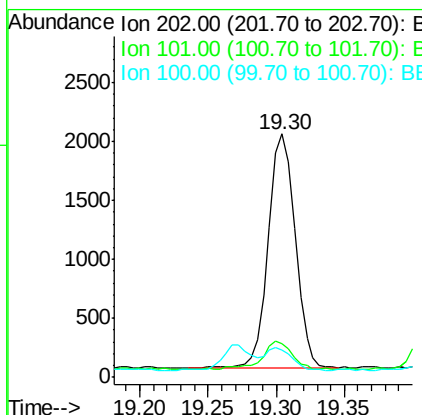
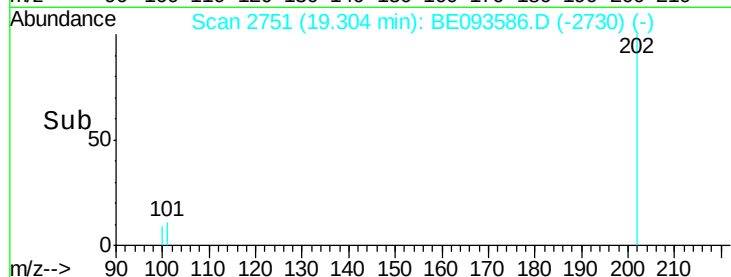
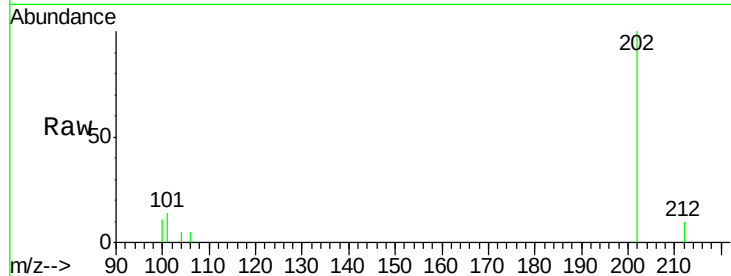
#15
Fluoranthene
Concen: 0.039 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093586.D
Acq: 25 Jul 2017 20:30

Instrument :
BNA_E
ClientSampled :
C0B22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2744		
101	13.8	0.0	30.3	
100	11.4	0.0	39.5	

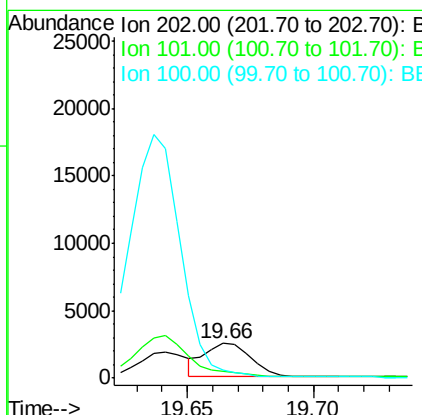
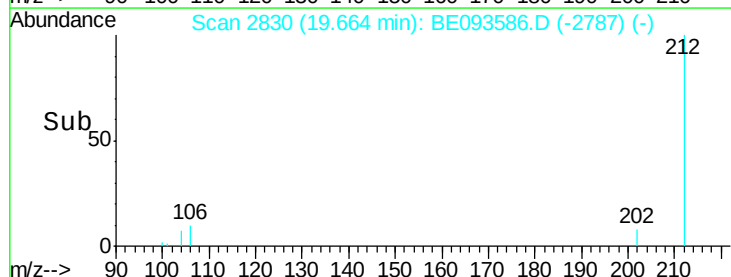
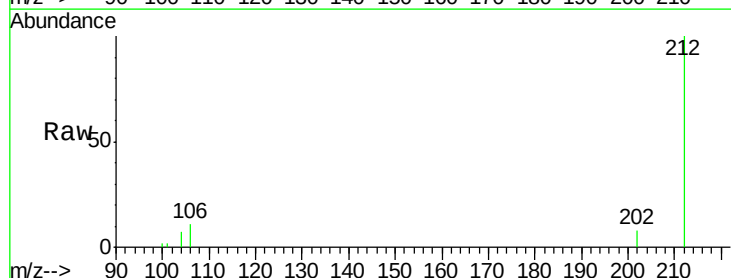
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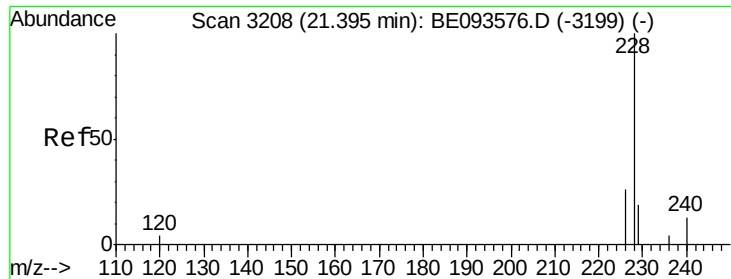
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#17
Pyrene
Concen: 0.048 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093586.D
Acq: 25 Jul 2017 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3211		
101	19.0	18.2	27.4	
100	22.1	15.6	23.4	





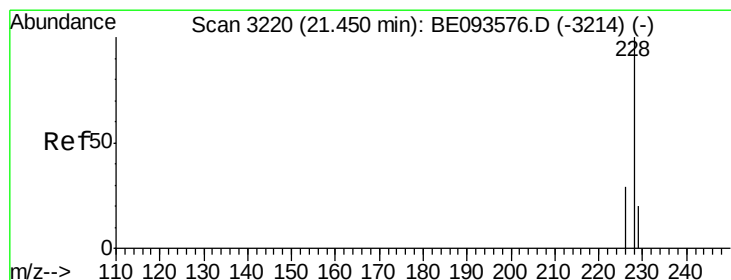
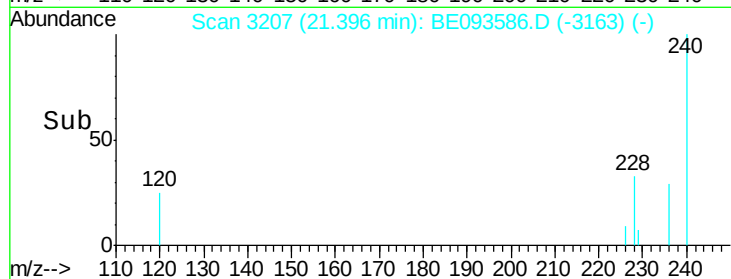
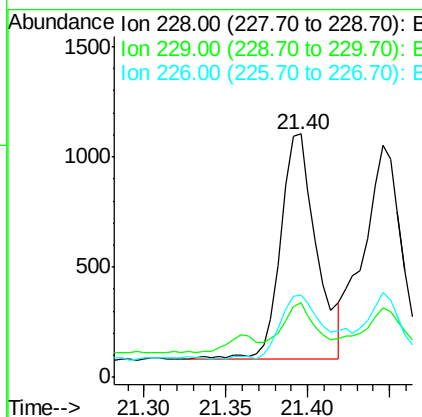
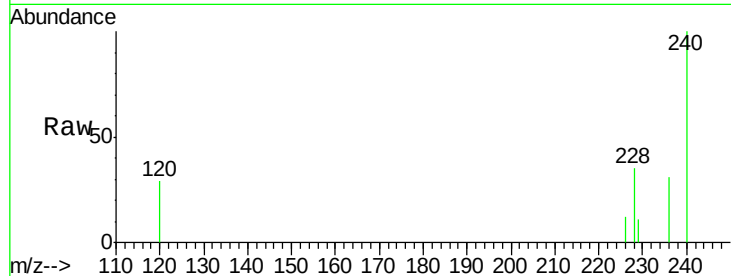
#18
Benzo(a)anthracene
Concen: 0.023 ng/ul
RT: 21.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE093586.D
Acq: 25 Jul 2017 20:30

Instrument :
BNA_E
ClientSampleId :
C0B22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	30.4	22.8	34.2
226	34.1	17.0	25.6

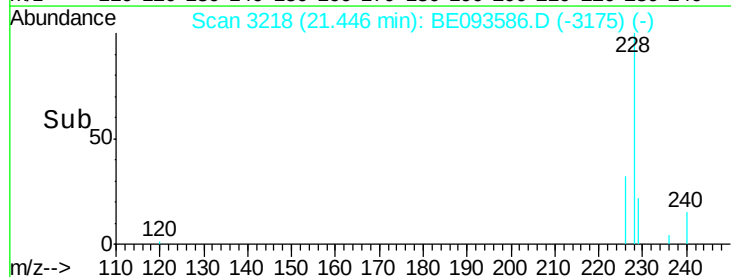
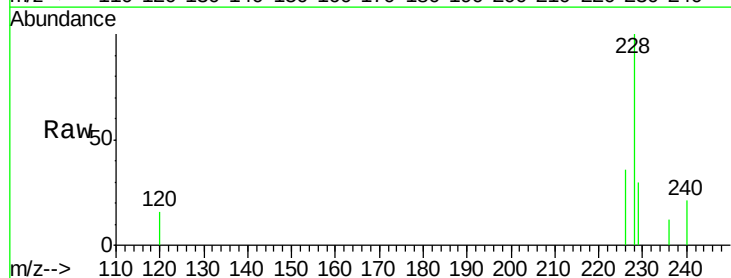
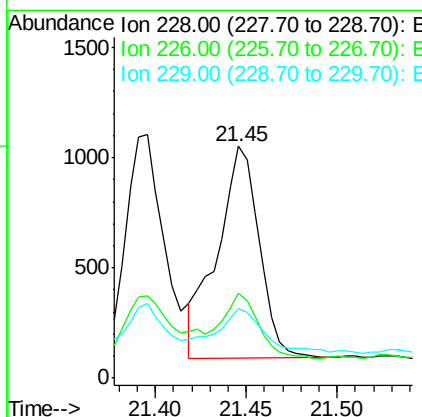
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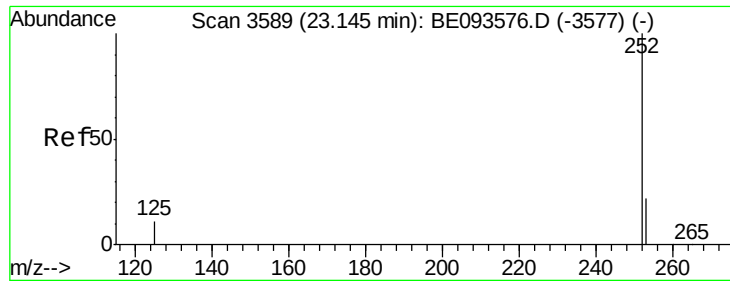
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#19
Chrysene
Concen: 0.024 ng/ul
RT: 21.45 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE093586.D
Acq: 25 Jul 2017 20:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.5	23.4	35.0
229	30.2	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.042 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.01 min

Lab File: BE093586.D

Acq: 25 Jul 2017 20:30

Instrument :

BNA_E

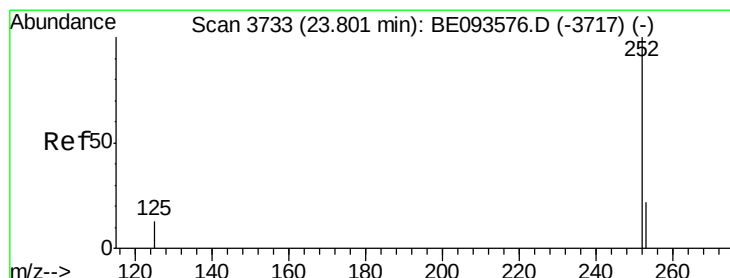
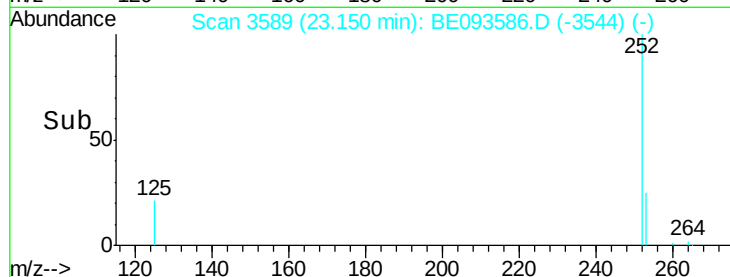
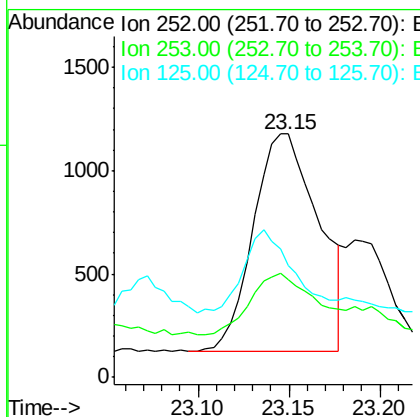
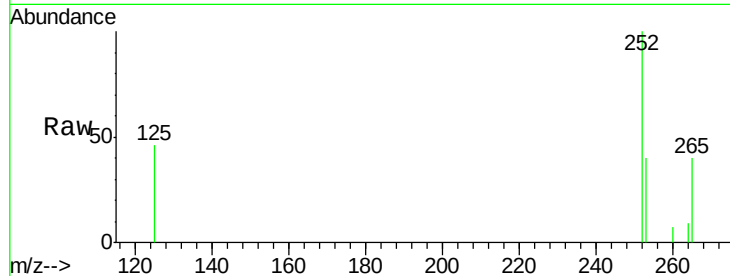
ClientSampled :

C0B22

Tgt Ion:	252	Resp:	2644
Ion Ratio	Lower	Upper	
252	100		
253	39.9	0.0	64.2
125	45.9	0.0	35.0#

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#23

Benzo(a)pyrene

Concen: 0.035 ng/ul m

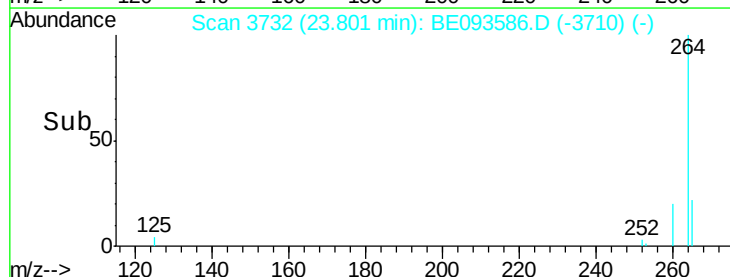
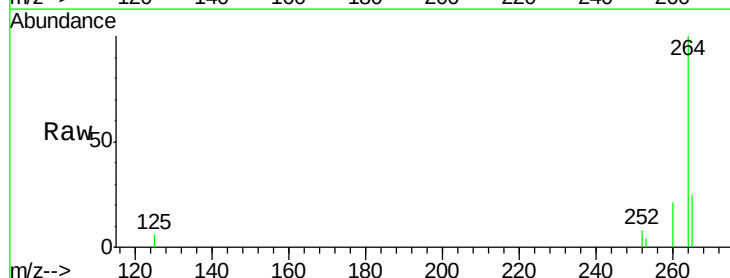
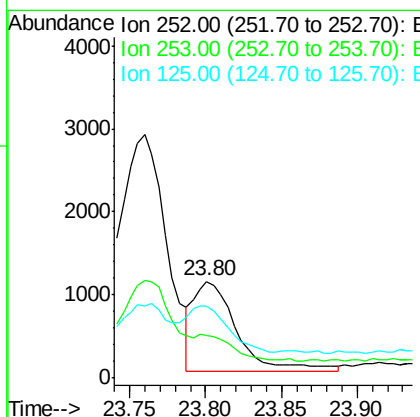
RT: 23.80 min Scan# 3732

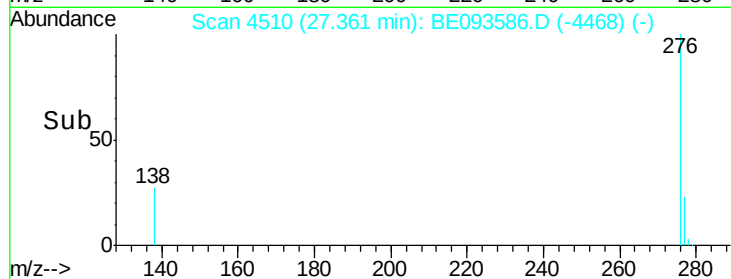
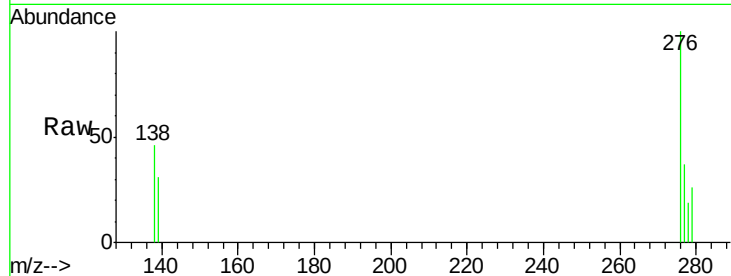
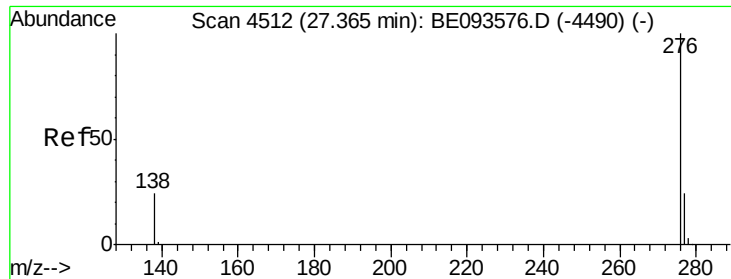
Delta R.T. 0.00 min

Lab File: BE093586.D

Acq: 25 Jul 2017 20:30

Tgt Ion:	252	Resp:	2124
Ion Ratio	Lower	Upper	
252	100		
253	44.3	28.5	42.7#
125	74.9	18.1	27.1#





#26

Benzo(g,h,i)perylene

Concen: 0.023 ng/ul m

RT: 27.36 min Scan# 4510

Delta R.T. -0.01 min

Lab File: BE093586.D

Acq: 25 Jul 2017 20:30

Instrument :

BNA_E

ClientSampleId :

C0B22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.5	21.8	32.8#
277	36.5	20.5	30.7#

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