

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
 Data File : BE093823.D
 Acq On : 16 Aug 2017 00:45
 Operator : SJ/JU
 Sample : I4672-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH3

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:42:49 PM

Quant Time: Aug 16 08:17:51 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2486	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13549	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8264	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17622	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18067	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	22978	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3670	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9307	0.17	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.76	128	2389	0.072	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	2937	0.122	ng/ul	98
12) Phenanthrene	17.29	178	9873	0.206	ng/ul#	91
15) Fluoranthene	19.30	202	3209	0.053	ng/ul	85
17) Pyrene	19.66	202	5002	0.095	ng/ul#	91
18) Benzo(a)anthracene	21.39	228	1818	0.035	ng/ul#	85
19) Chrysene	21.45	228	3397	0.068	ng/ul#	88
21) Benzo(b)fluoranthene	23.14	252	3006m	0.042	ng/ul	
23) Benzo(a)pyrene	23.80	252	1863	0.028	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	26.56	276	1516	0.020	ng/ul#	75
26) Benzo(g,h,i)perylene	27.37	276	2282	0.036	ng/ul#	82

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

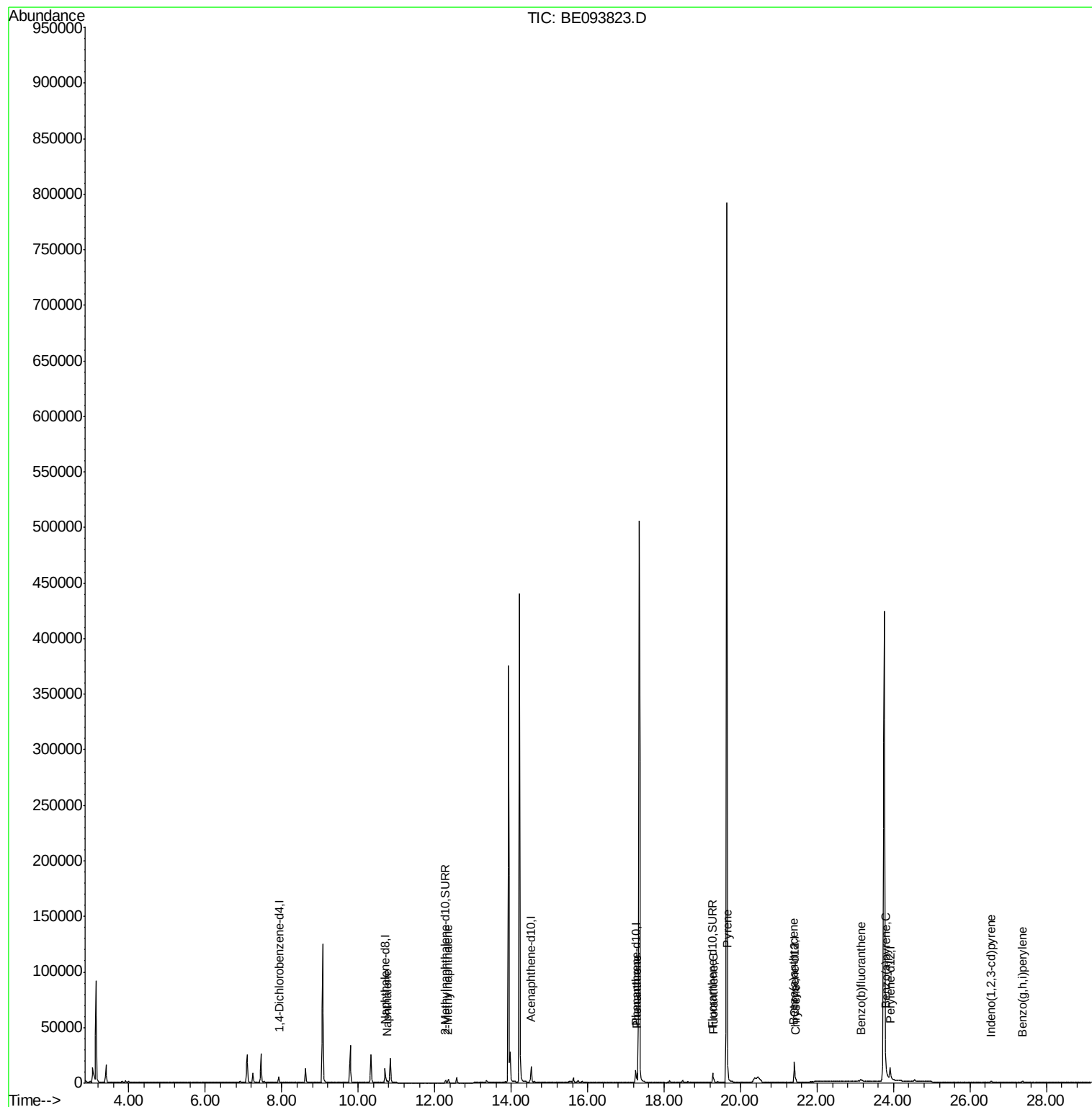
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
Data File : BE093823.D
Acq On : 16 Aug 2017 00:45
Operator : SJ/JU
Sample : I4672-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

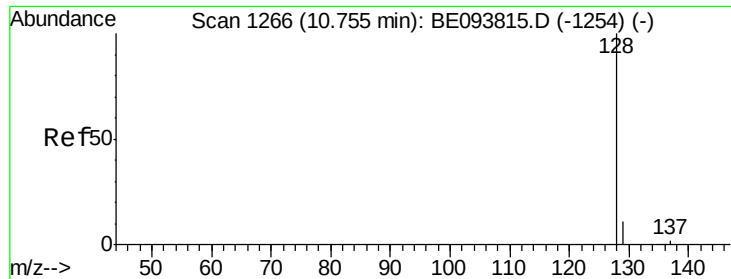
Instrument :
BNA_E
ClientSampleId :
C0AH3

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QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.072 ng/ul

RT: 10.76 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093823.D

Acq: 16 Aug 2017 00:45

Instrument :

BNA_E

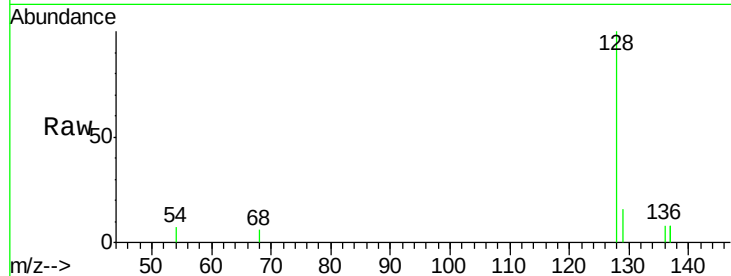
ClientSampleId :

C0AH3

Tgt Ion:	128	Resp:	2389
Ion Ratio	Lower	Upper	
128	100		
129	16.1	11.3	16.9
127	0.0	4.0	6.0#

Manual Integrations
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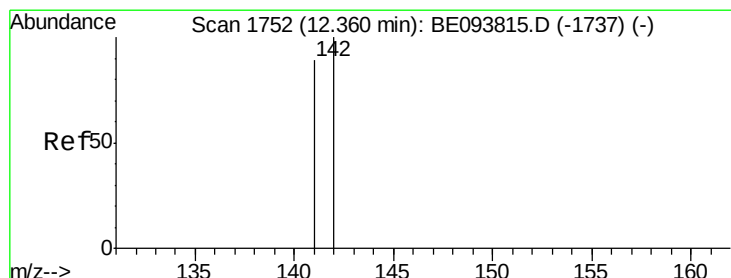
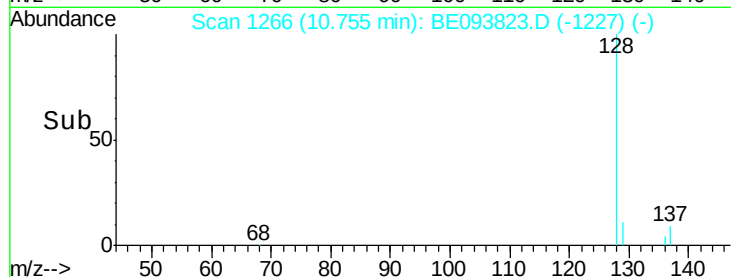
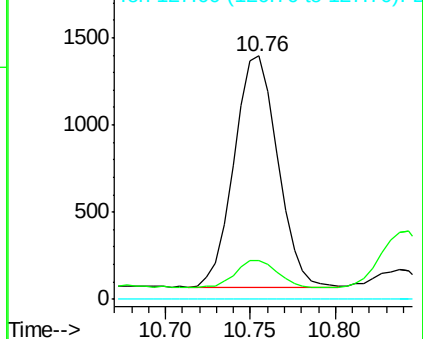
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.122 ng/ul

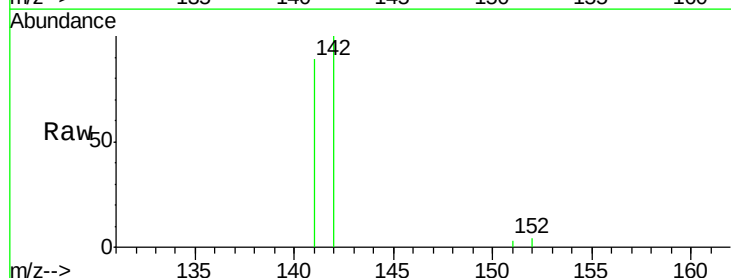
RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093823.D

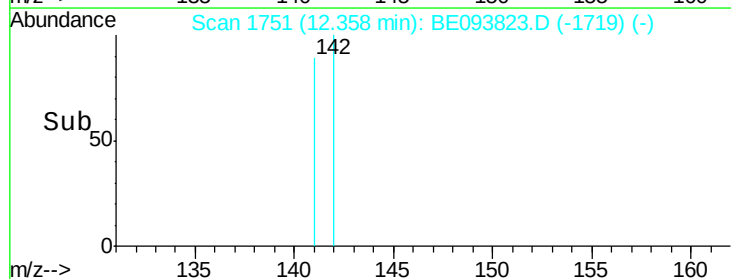
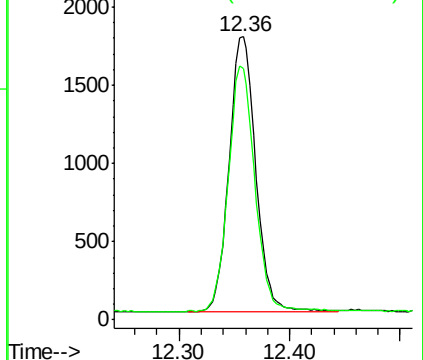
Acq: 16 Aug 2017 00:45

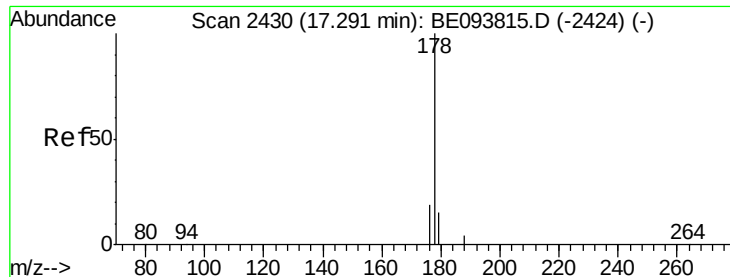
Tgt Ion:	142	Resp:	2937
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





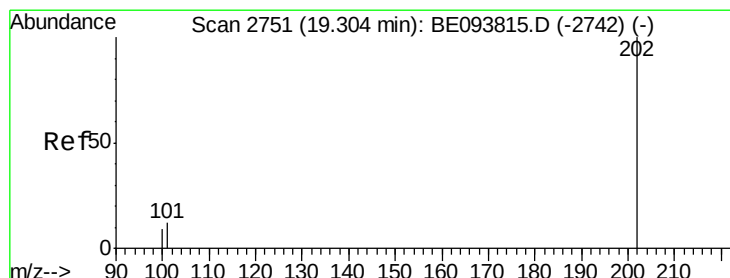
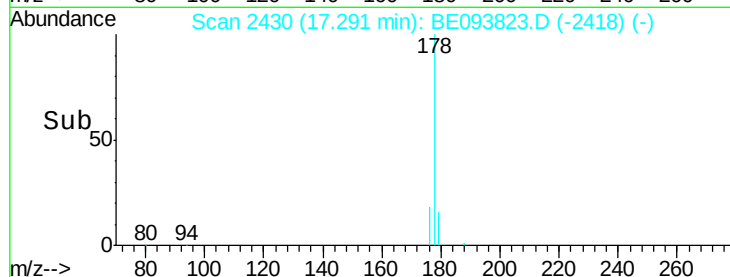
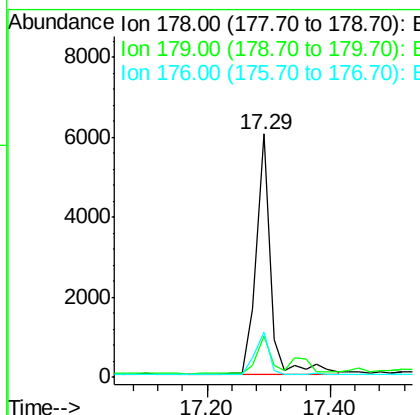
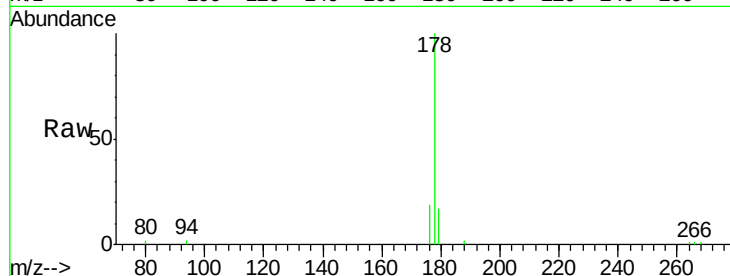
#12
Phenanthrene
Concen: 0.206 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BE093823.D
Acq: 16 Aug 2017 00:45

Instrument :
BNA_E
ClientSampleId :
C0AH3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	18.8	13.6	20.4

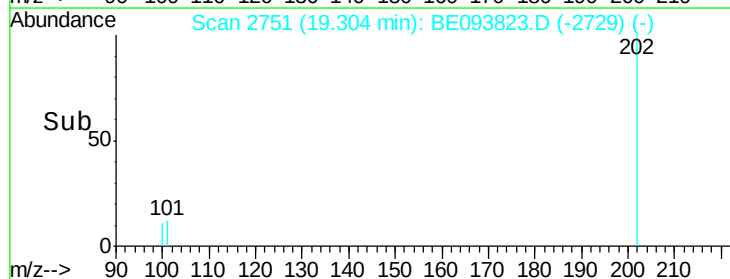
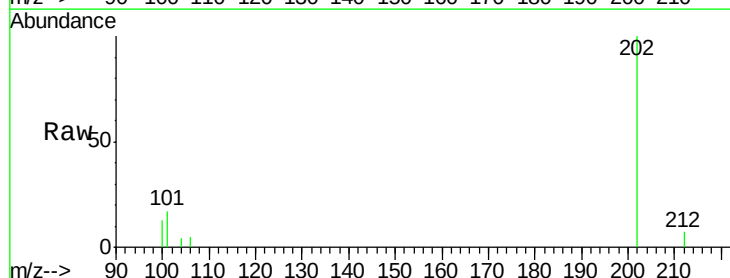
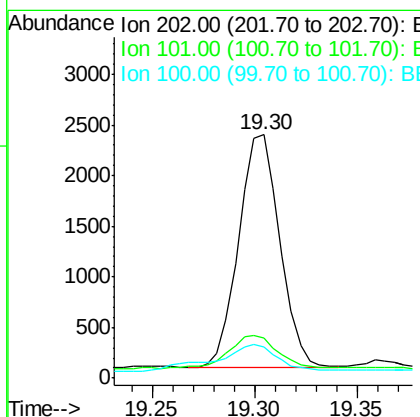
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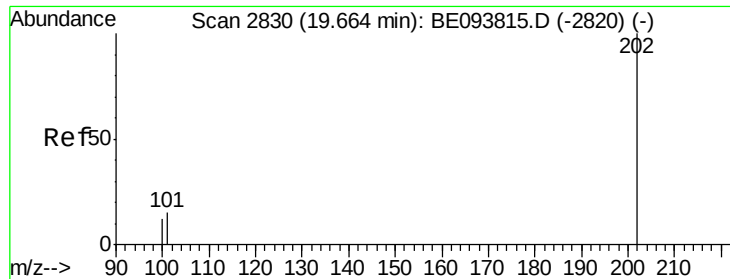
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#15
Fluoranthene
Concen: 0.053 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BE093823.D
Acq: 16 Aug 2017 00:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	30.3
100	13.1	0.0	39.5





#17

Pyrene

Concen: 0.095 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BE093823.D

Acq: 16 Aug 2017 00:45

Instrument :

BNA_E

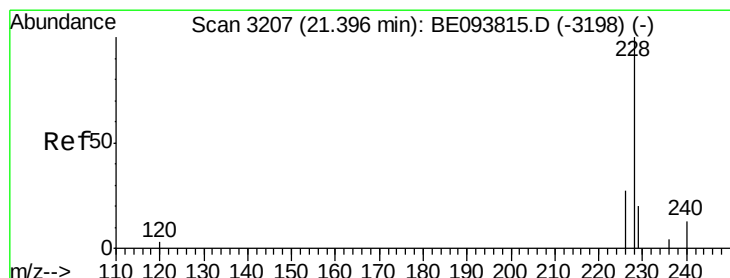
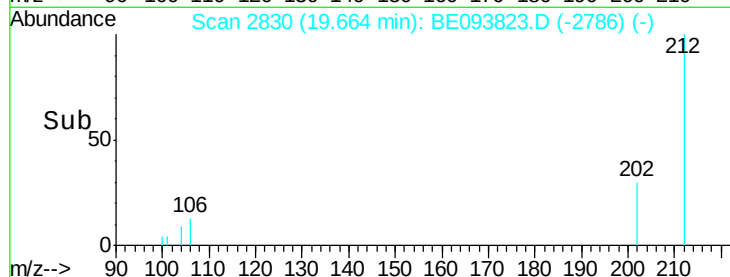
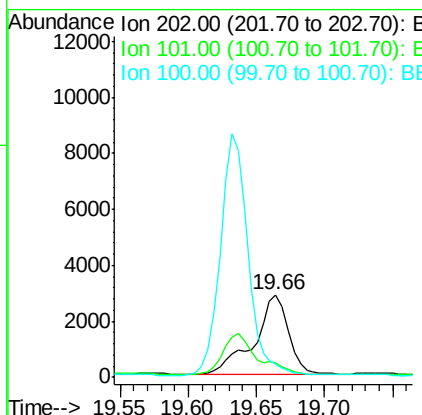
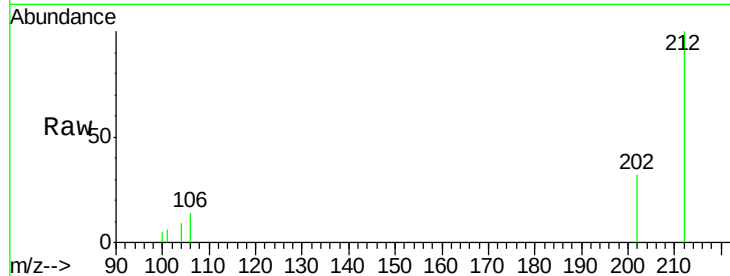
ClientSampleId :

C0AH3

Tgt Ion:	202	Resp:	5002
Ion Ratio	Lower	Upper	
202	100		
101	17.5	18.2	27.4#
100	16.1	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 0.035 ng/ul

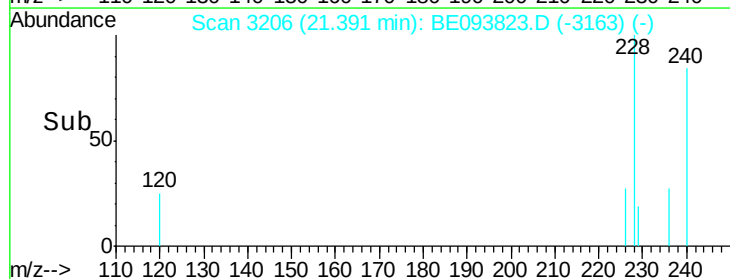
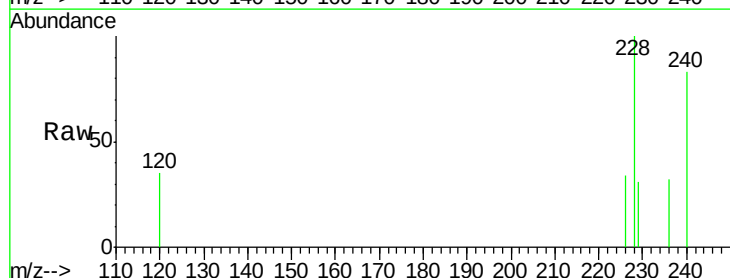
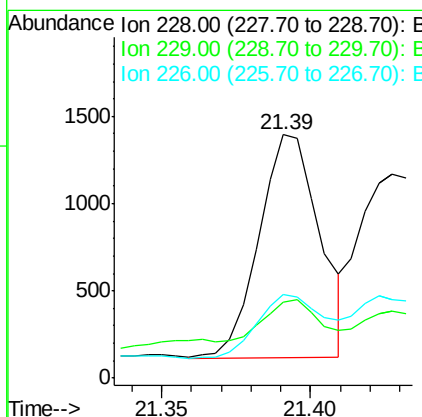
RT: 21.39 min Scan# 3206

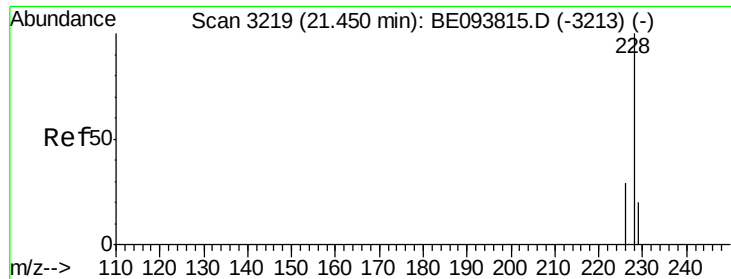
Delta R.T. -0.00 min

Lab File: BE093823.D

Acq: 16 Aug 2017 00:45

Tgt Ion:	228	Resp:	1818
Ion Ratio	Lower	Upper	
228	100		
229	31.0	22.8	34.2
226	34.4	17.0	25.6#





#19

Chrysene

Concen: 0.068 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE093823.D

Acq: 16 Aug 2017 00:45

Instrument :

BNA_E

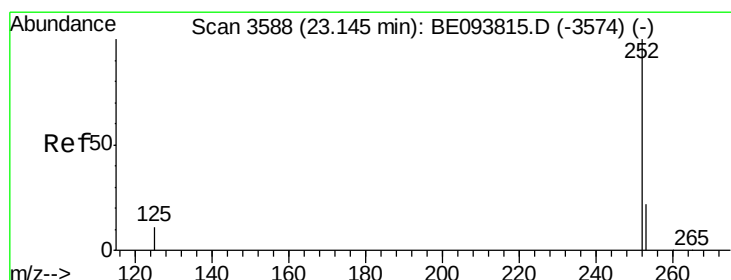
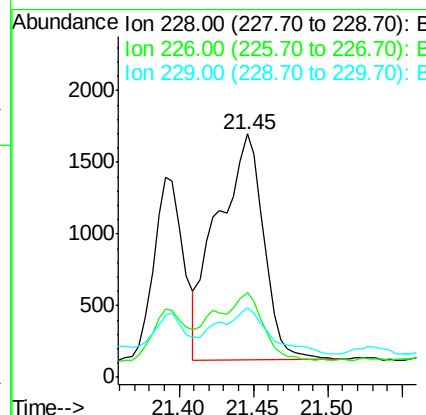
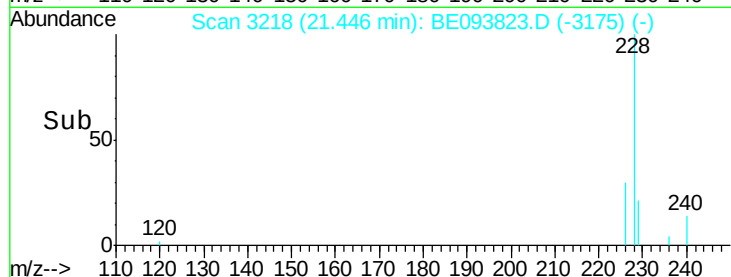
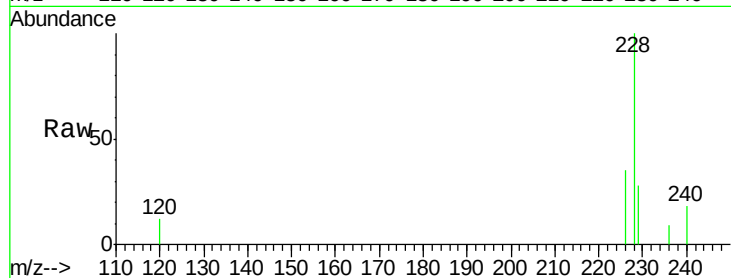
ClientSampled :

C0AH3

Tgt Ion:	228	Resp:	3397
Ion Ratio	Lower	Upper	
228	100		
226	34.7	23.4	35.0
229	28.4	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.042 ng/ul m

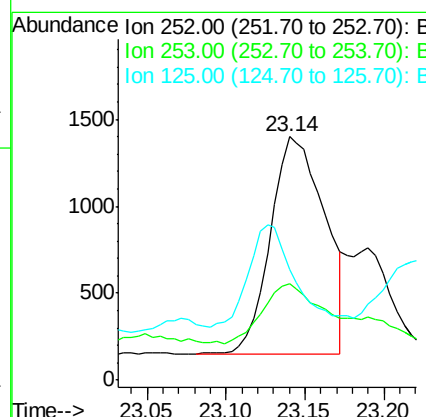
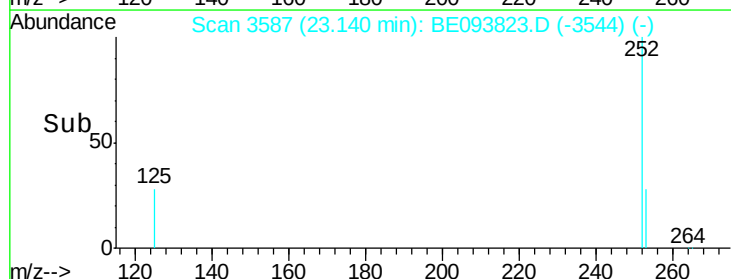
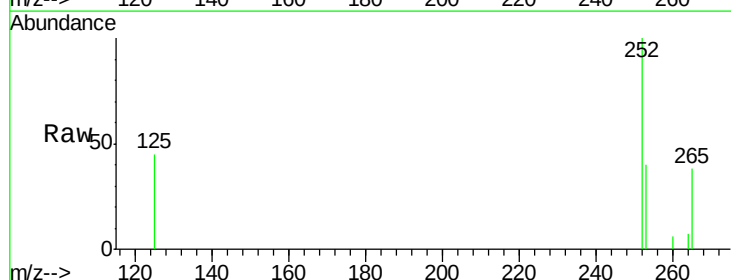
RT: 23.14 min Scan# 3587

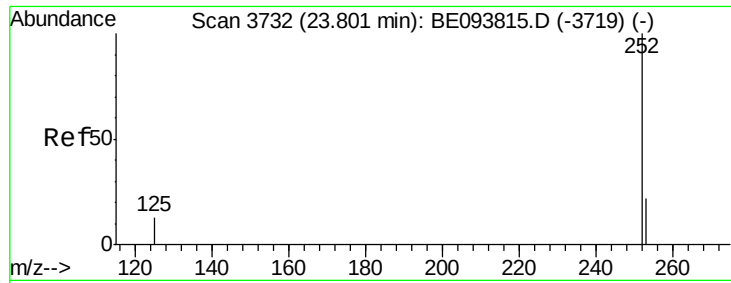
Delta R.T. -0.00 min

Lab File: BE093823.D

Acq: 16 Aug 2017 00:45

Tgt Ion:	252	Resp:	3006
Ion Ratio	Lower	Upper	
252	100		
253	39.7	0.0	64.2
125	45.3	0.0	35.0#





#23

Benzo(a)pyrene

Concen: 0.028 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE093823.D

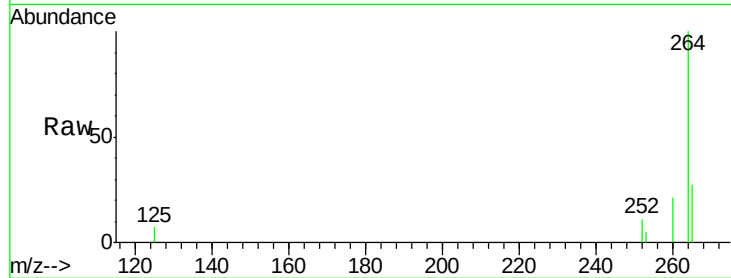
Acq: 16 Aug 2017 00:45

Instrument :

BNA_E

ClientSampled :

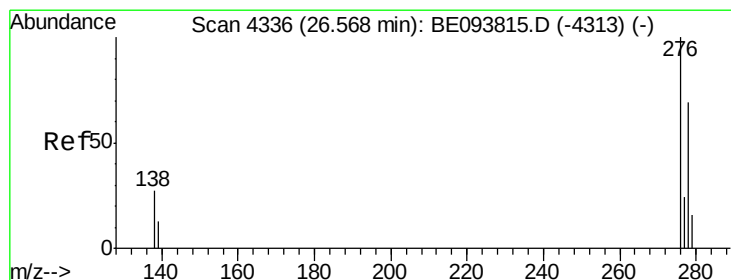
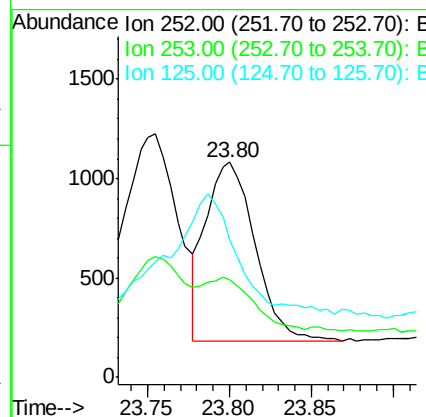
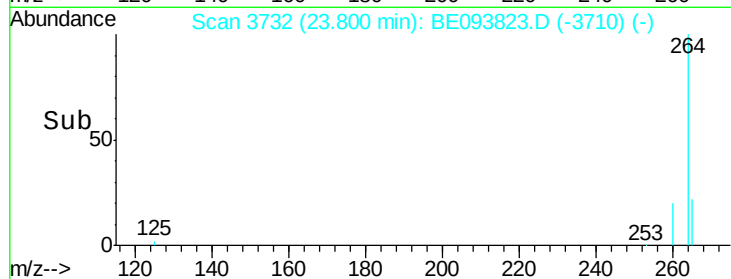
C0AH3



Tgt Ion:	252	Resp:	1863
Ion Ratio	Lower	Upper	
252	100		
253	45.4	28.5	42.7#
125	64.0	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.020 ng/ul

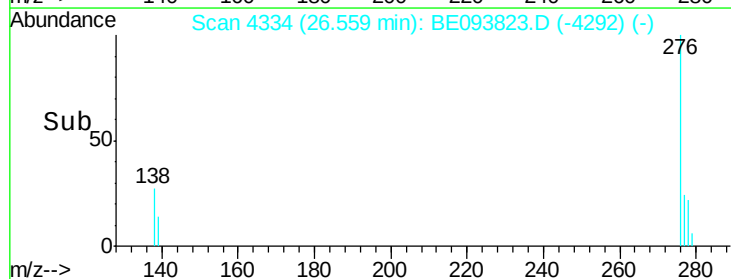
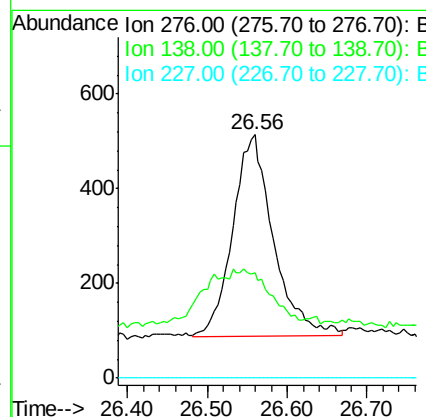
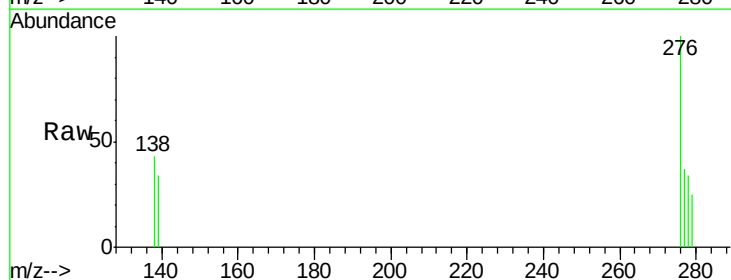
RT: 26.56 min Scan# 4334

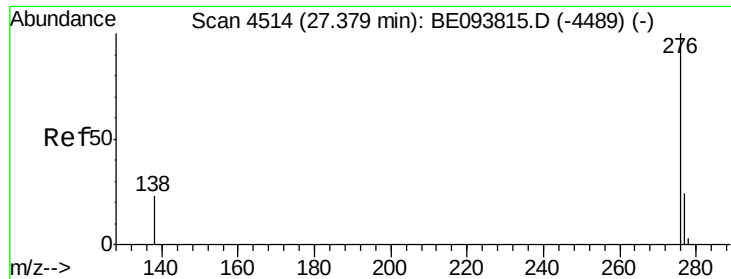
Delta R.T. -0.01 min

Lab File: BE093823.D

Acq: 16 Aug 2017 00:45

Tgt Ion:	276	Resp:	1516
Ion Ratio	Lower	Upper	
276	100		
138	49.0	28.0	42.0#
227	0.0	8.0	12.0#





#26

Benzo(g,h,i)perylene

Concen: 0.036 ng/ul

RT: 27.37 min Scan# 4513

Delta R.T. -0.00 min

Lab File: BE093823.D

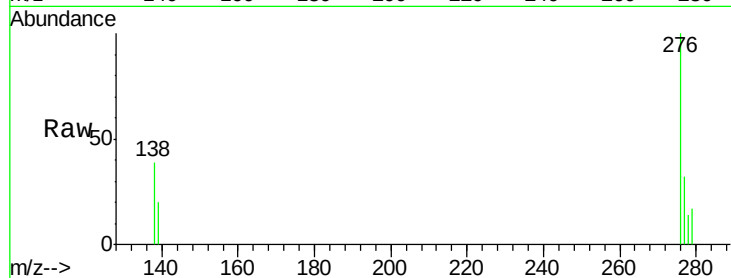
Acq: 16 Aug 2017 00:45

Instrument :

BNA_E

ClientSampleId :

C0AH3



Tgt Ion: 276 Resp: 2282

Ion Ratio Lower Upper

276 100

138 39.1 21.8 32.8#

277 31.7 20.5 30.7#

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