

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096148.D
 Acq On : 25 Apr 2018 15:13
 Operator : SJ/JU
 Sample : J2431-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP2

Manual Integrations
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 4/26/2018 6:19:44 PM

Quant Time: Apr 26 04:52:51 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 04:18:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	851	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3698	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2370	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	6032m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	5139m	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	5949m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1803	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	6421m	0.23	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	11.23	128	86222	8.374	ng/ul#	88
5) 2-Methylnaphthalene	12.81	142	38636	5.600	ng/ul	100
7) Acenaphthylene	14.68	152	24164	1.978	ng/ul	98
8) Acenaphthene	15.01	153	84527	9.596	ng/ul	96
9) Fluorene	15.98	166	113877	9.770	ng/ul#	91
11) Pentachlorophenol	17.32	266	5524m	3.805	ng/ul	
12) Phenanthrene	17.70	178	564170m	31.767	ng/ul	
13) Anthracene	17.79	178	141272m	7.929	ng/ul	
15) Fluoranthene	19.67	202	689301m	25.392	ng/ul	
17) Pyrene	20.03	202	423379	41.066	ng/ul#	77
18) Benzo(a)anthracene	21.73	228	213365m	13.714	ng/ul	
19) Chrysene	21.79	228	257523	18.013	ng/ul	97
21) Benzo(b)fluoranthene	23.56	252	613348m	27.228	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	114045m	5.296	ng/ul	
23) Benzo(a)pyrene	24.25	252	359441m	18.367	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.14	276	196763m	7.462	ng/ul	
25) Dibenzo(a,h)anthracene	27.14	278	50888m	2.305	ng/ul	
26) Benzo(g,h,i)perylene	28.01	276	141699m	6.174	ng/ul	

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

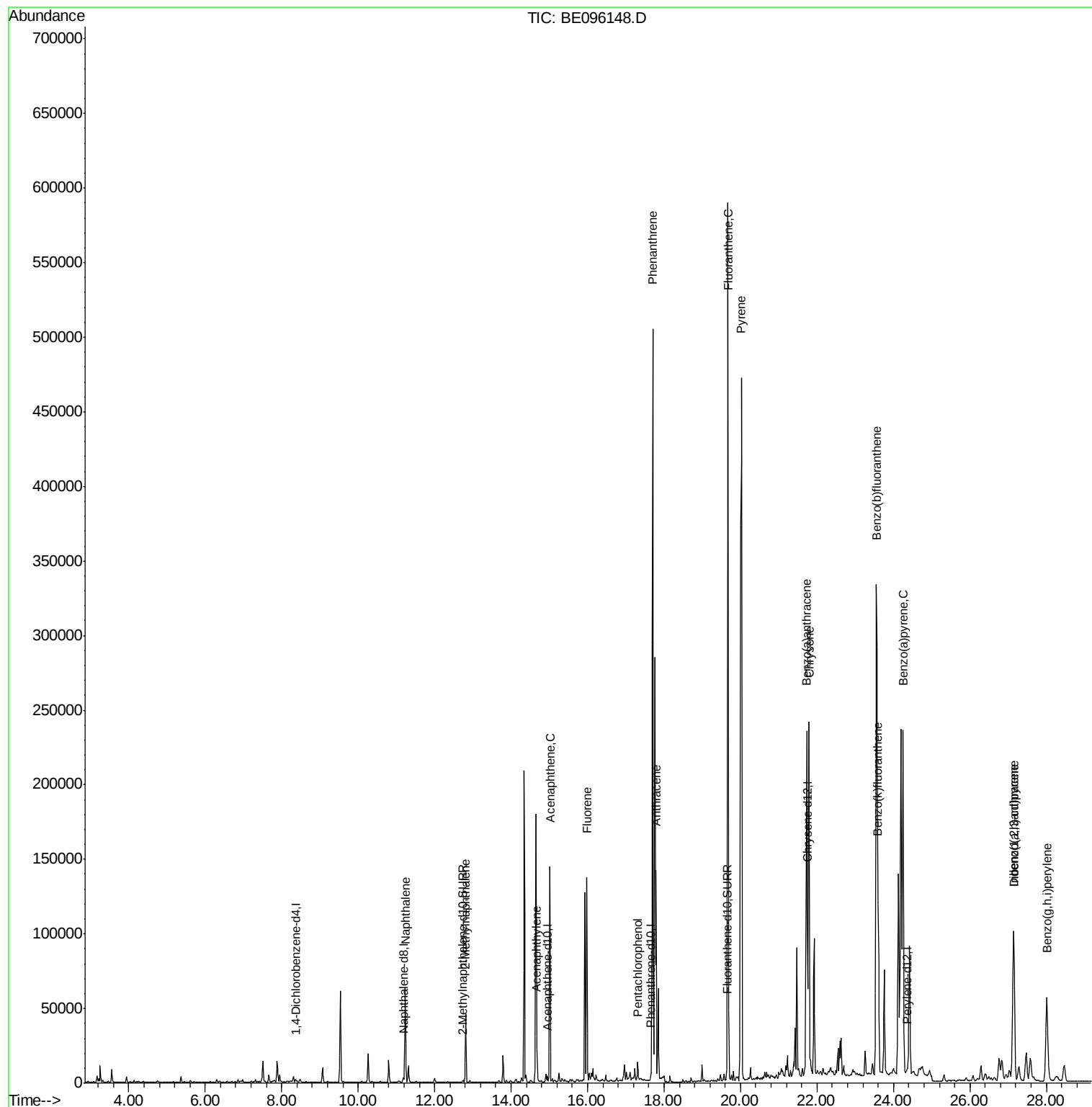
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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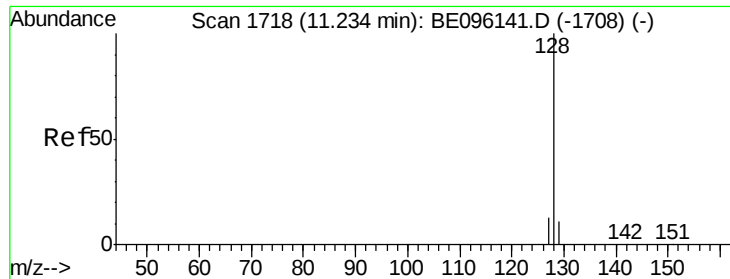
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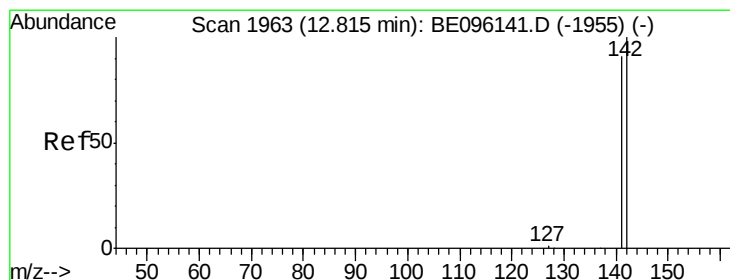
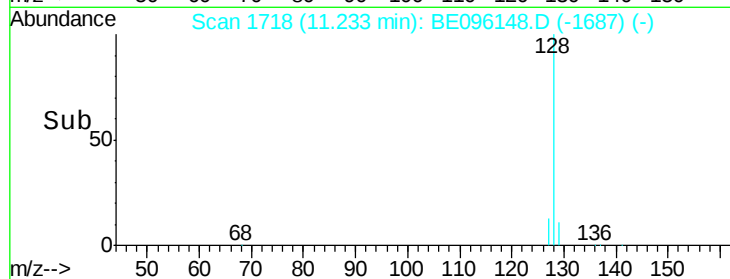
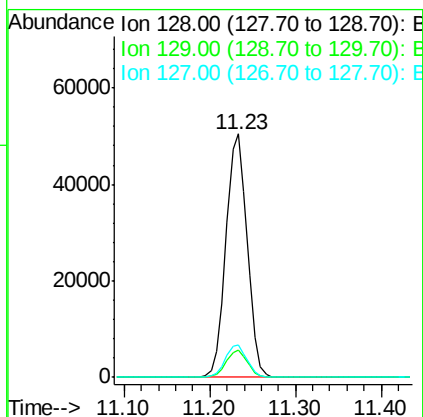
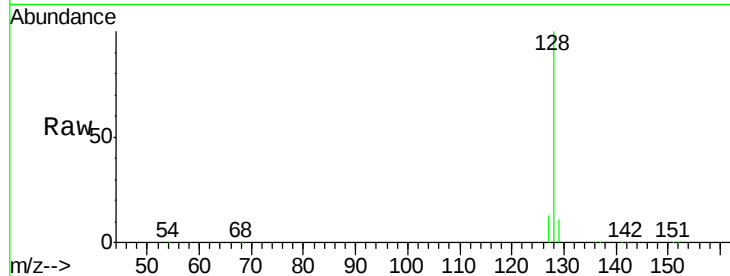
#3
Naphthalene
Concen: 8.374 ng/ul
RT: 11.23 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BE096148.D
Acq: 25 Apr 2018 15:13

Instrument :
BNA_E
ClientSampleId :
DASP2

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	13.3	4.0	6.0#

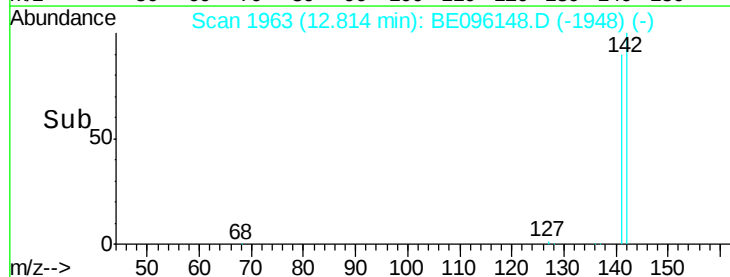
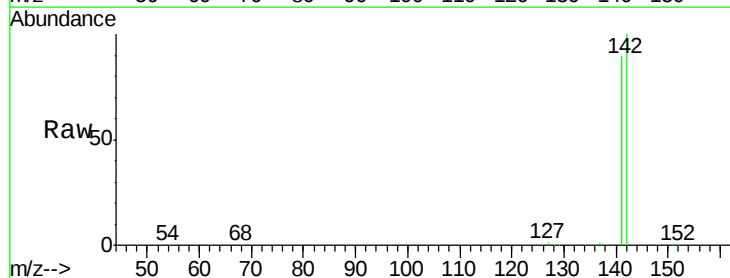
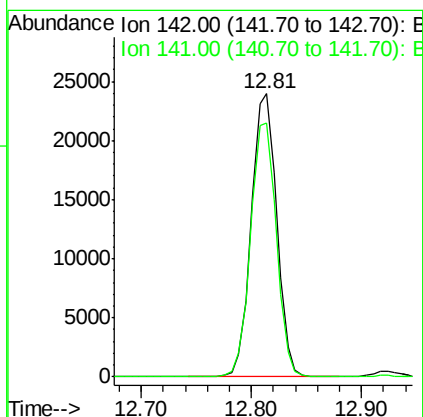
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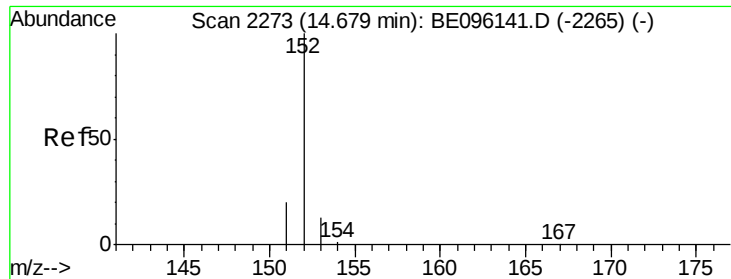
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#5
2-Methylnaphthalene
Concen: 5.600 ng/ul
RT: 12.81 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE096148.D
Acq: 25 Apr 2018 15:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8





#7

Acenaphthylene

Concen: 1.978 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

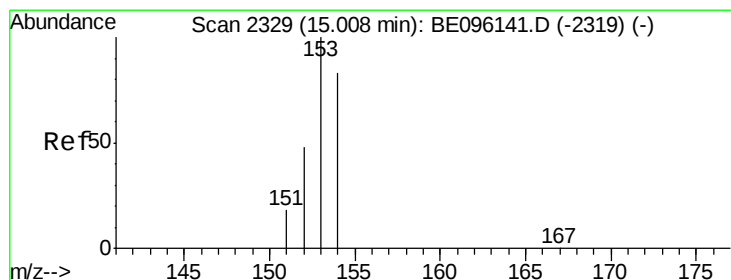
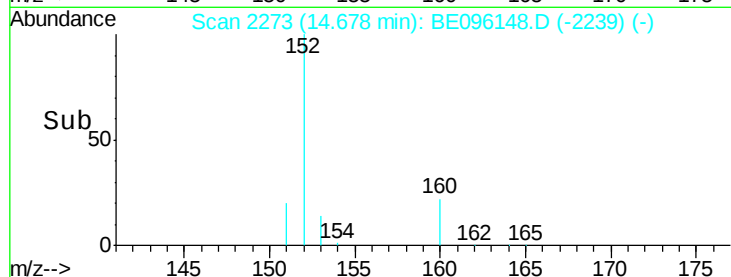
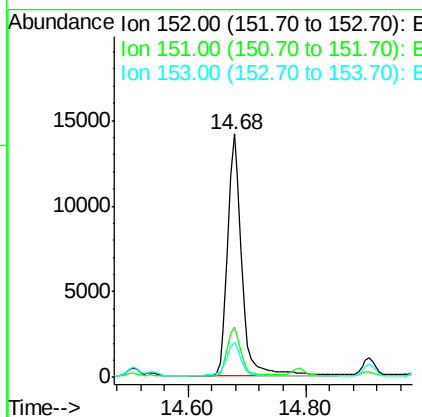
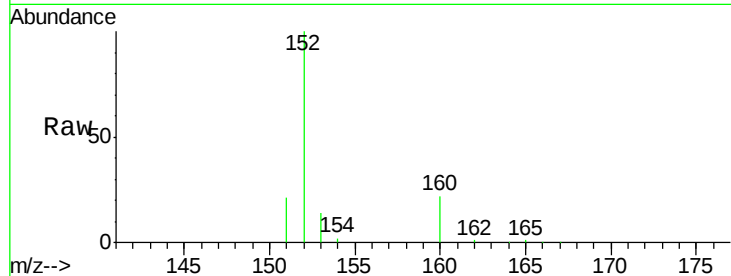
ClientSampleId :

DASP2

Tgt Ion:	152	Resp:	24164
Ion Ratio		Lower	Upper
152	100		
151	20.8	17.1	25.7
153	14.3	12.8	19.2

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#8

Acenaphthene

Concen: 9.596 ng/ul

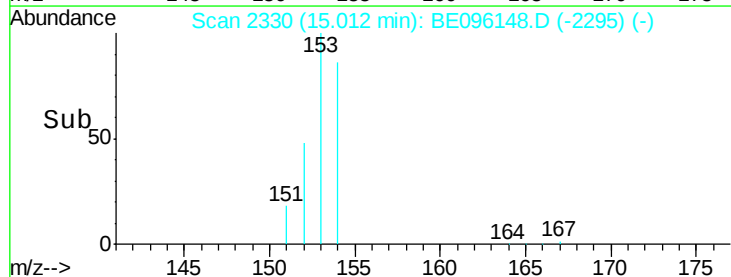
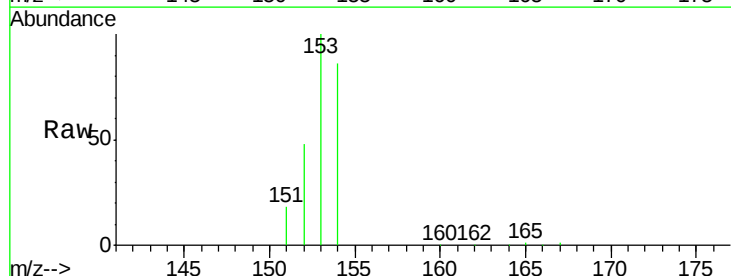
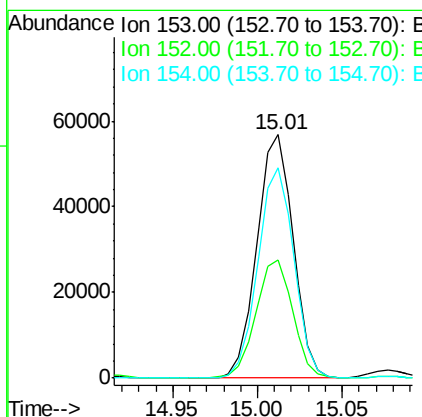
RT: 15.01 min Scan# 2330

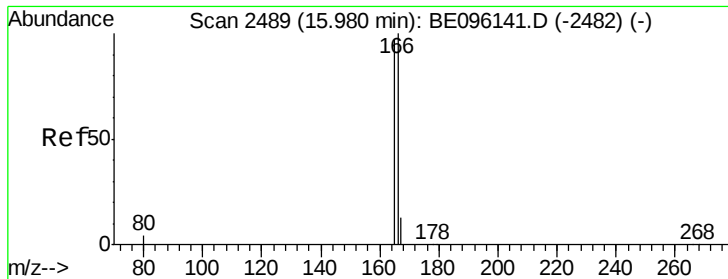
Delta R.T. 0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Tgt Ion:	153	Resp:	84527
Ion Ratio		Lower	Upper
153	100		
152	48.4	36.0	54.0
154	86.4	72.0	108.0





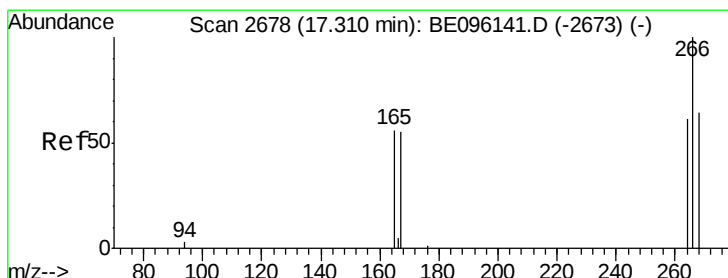
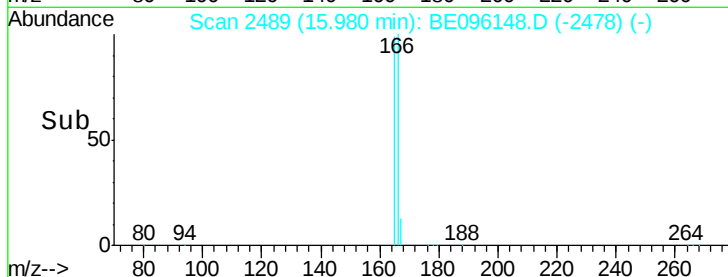
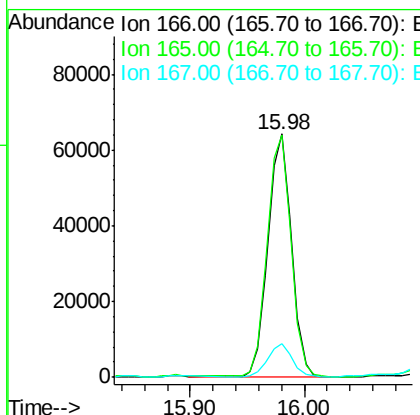
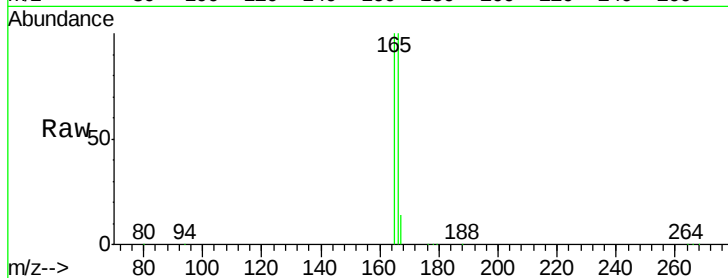
#9
Fluorene
 Concen: 9.770 ng/ul
 RT: 15.98 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: BE096148.D
 Acq: 25 Apr 2018 15:13

Instrument :
 BNA_E
 ClientSampleId :
 DASP2

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	73.4	110.2
167	13.6	14.6	22.0#

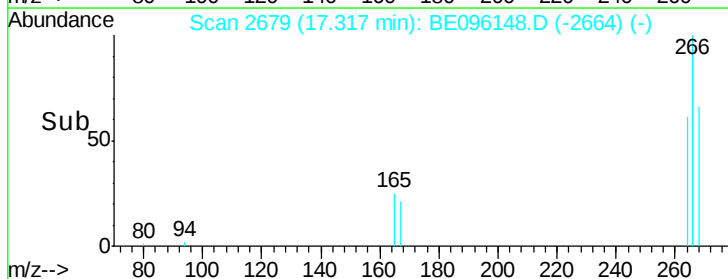
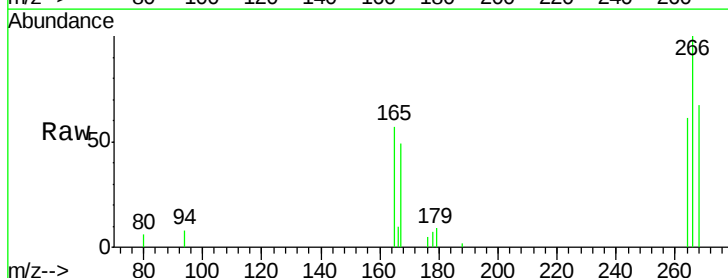
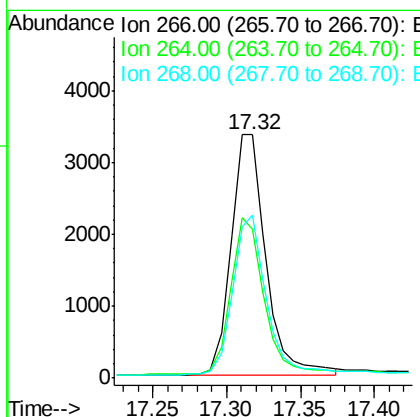
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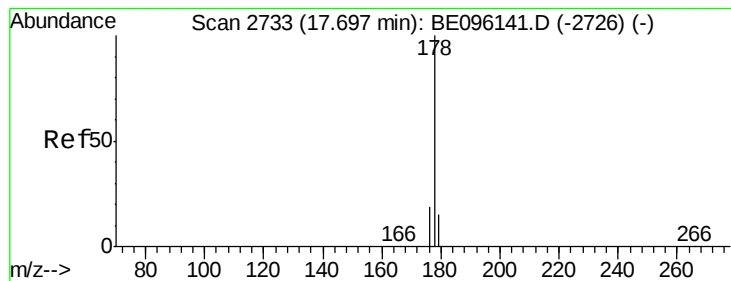
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#11
Pentachlorophenol
 Concen: 3.805 ng/ul m
 RT: 17.32 min Scan# 2679
 Delta R.T. 0.01 min
 Lab File: BE096148.D
 Acq: 25 Apr 2018 15:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#





#12

Phenanthrene

Concen: 31.767 ng/ul m

RT: 17.70 min Scan# 2734

Delta R.T. 0.01 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

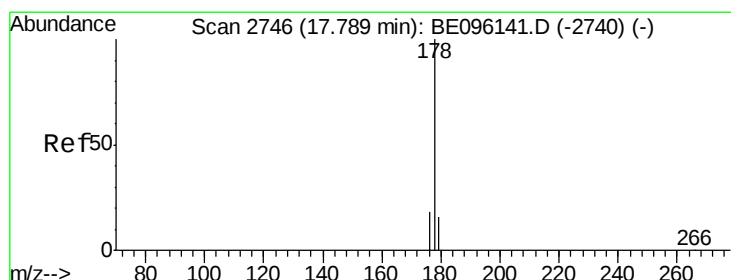
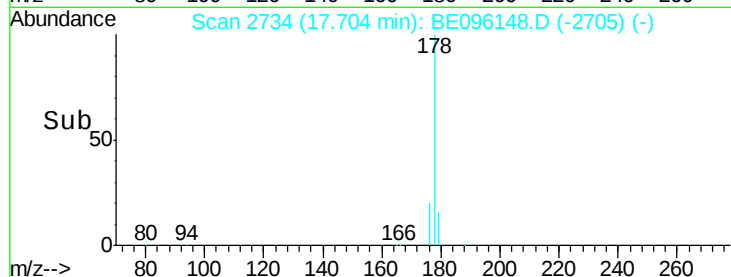
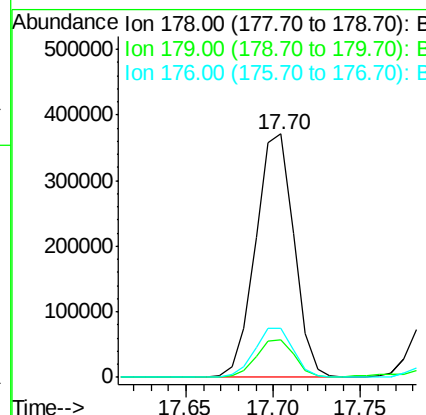
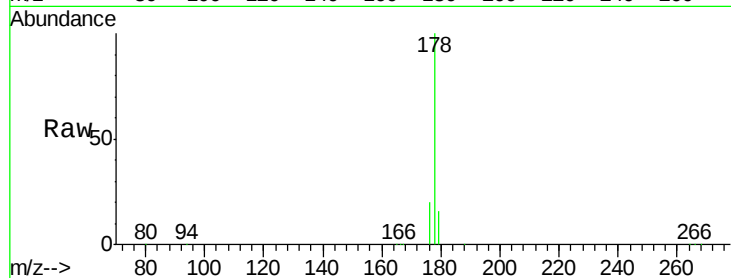
ClientSampleId :

DASP2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	20.0	13.6	20.4

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#13

Anthracene

Concen: 7.929 ng/ul m

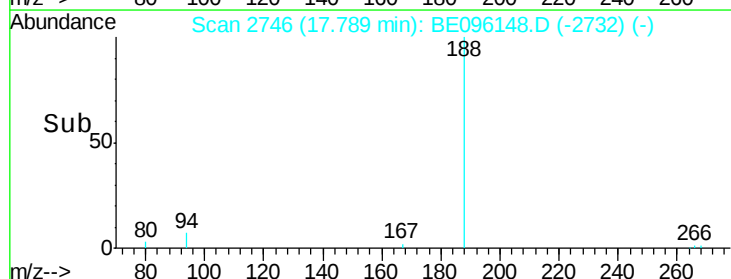
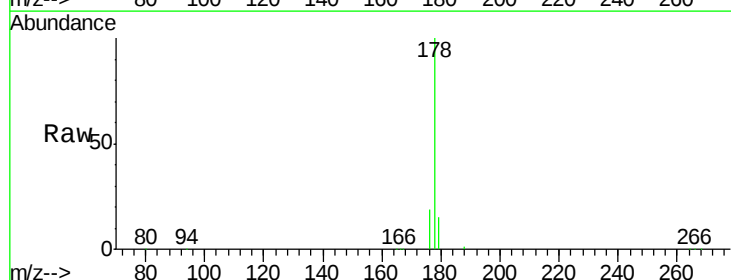
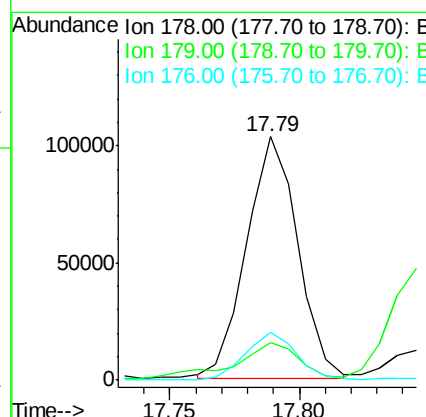
RT: 17.79 min Scan# 2746

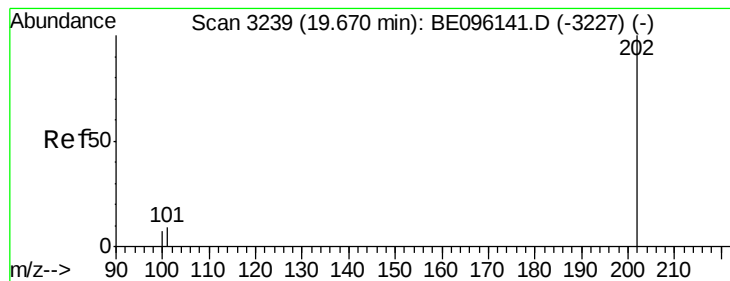
Delta R.T. 0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	19.5	14.7	22.1





#15

Fluoranthene

Concen: 25.392 ng/ul m

RT: 19.67 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

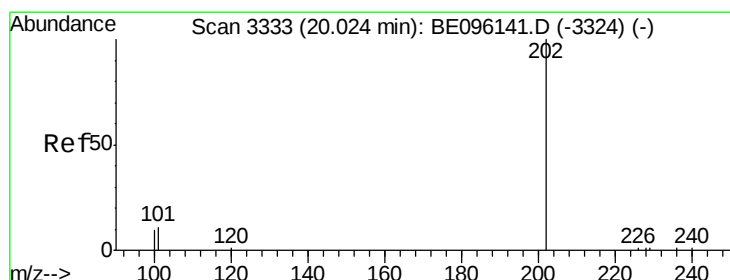
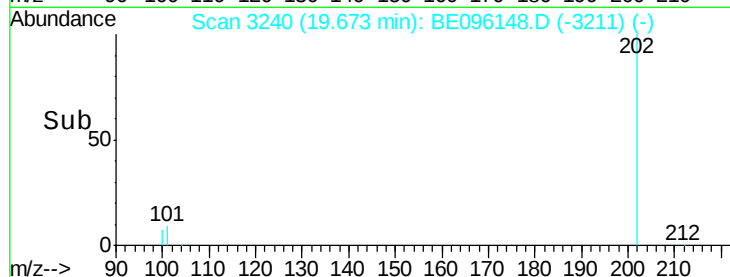
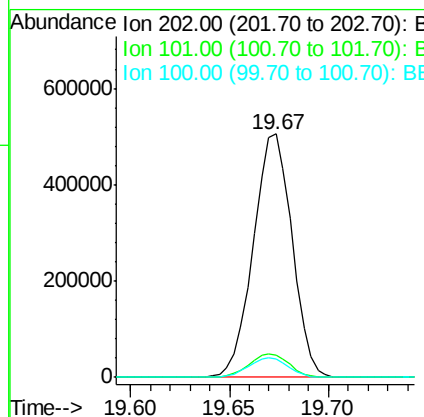
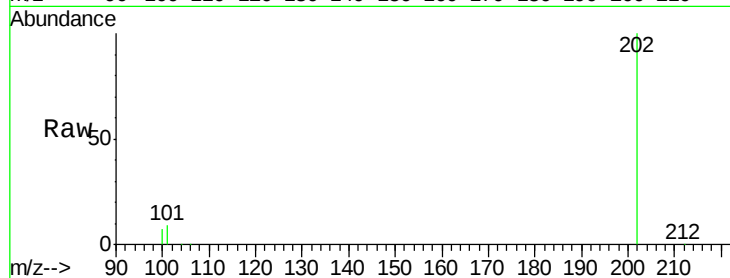
ClientSampled :

DASP2

Tgt Ion:	202	Resp:	689301
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.3
100	7.5	0.0	39.5

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#17

Pyrene

Concen: 41.066 ng/ul

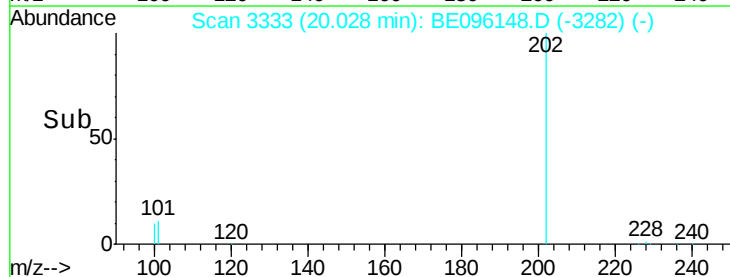
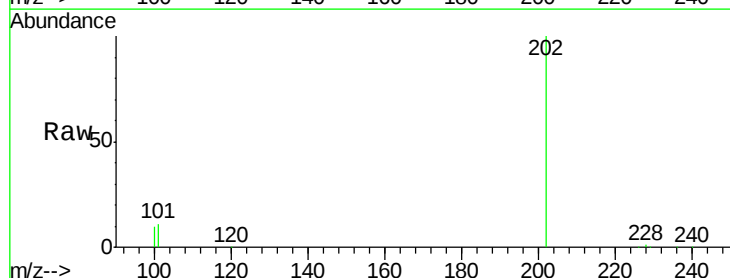
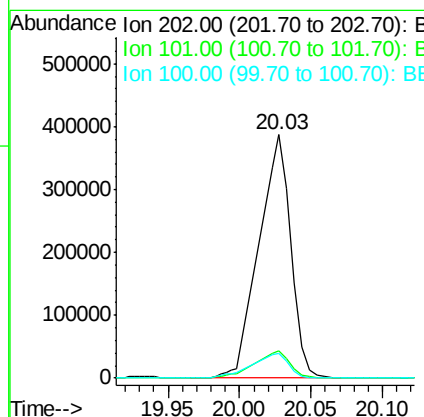
RT: 20.03 min Scan# 3333

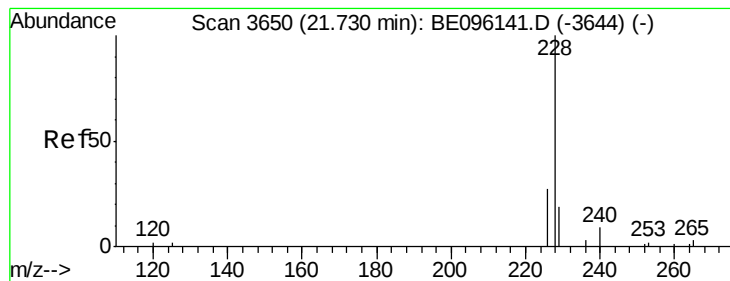
Delta R.T. 0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Tgt Ion:	202	Resp:	423379
Ion Ratio	Lower	Upper	
202	100		
101	11.2	18.2	27.4#
100	9.9	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 13.714 ng/ul m

RT: 21.73 min Scan# 3649

Delta R.T. 0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

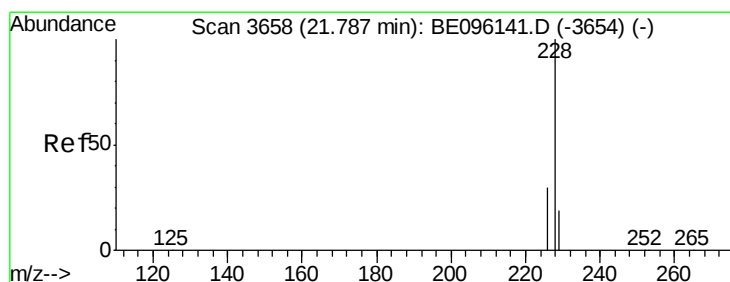
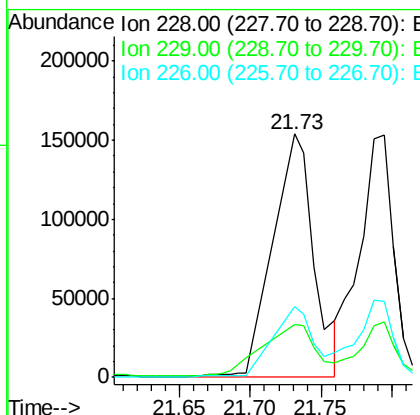
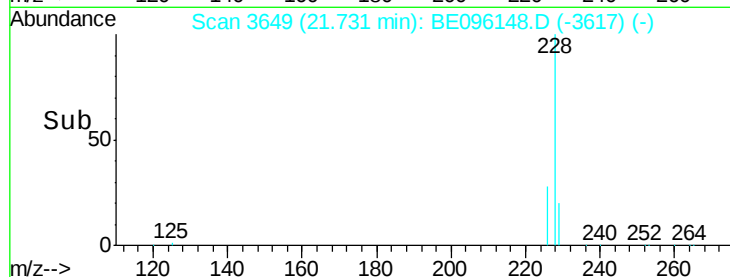
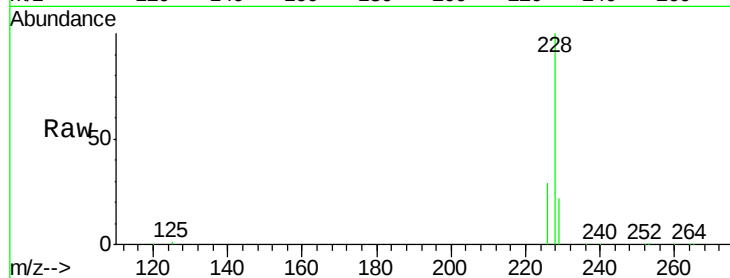
ClientSampleId :

DASP2

Tgt Ion:	228	Resp:	213365
Ion Ratio		Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	29.1	17.0	25.6#

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#19

Chrysene

Concen: 18.013 ng/ul

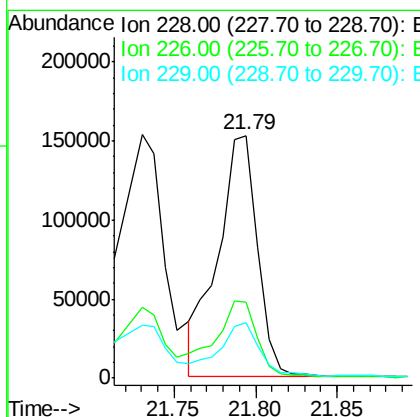
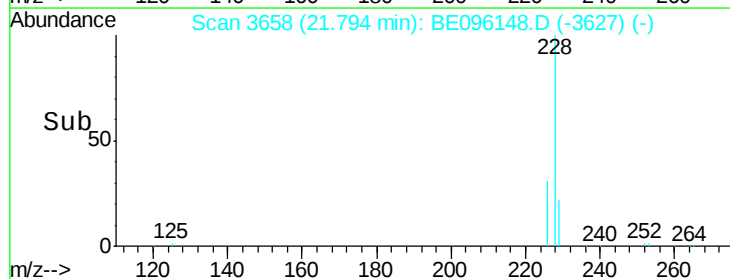
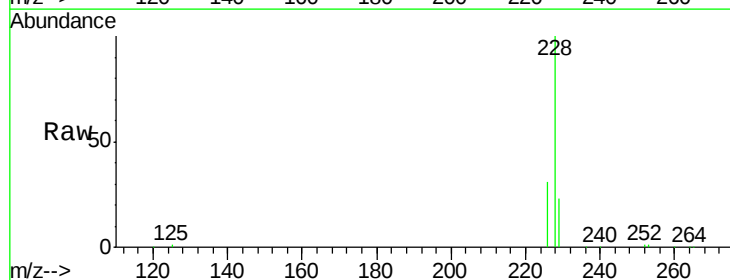
RT: 21.79 min Scan# 3658

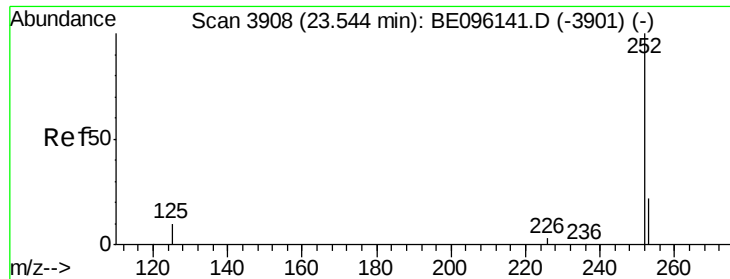
Delta R.T. 0.01 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Tgt Ion:	228	Resp:	257523
Ion Ratio		Lower	Upper
228	100		
226	31.2	23.4	35.0
229	22.8	17.7	26.5





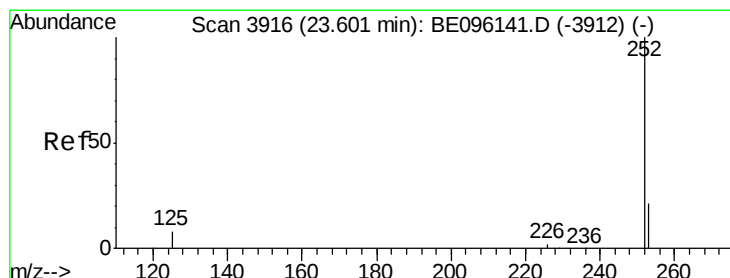
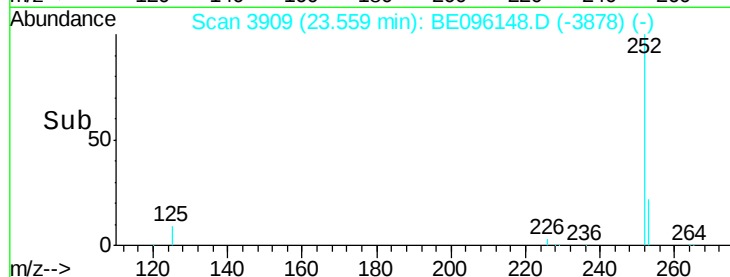
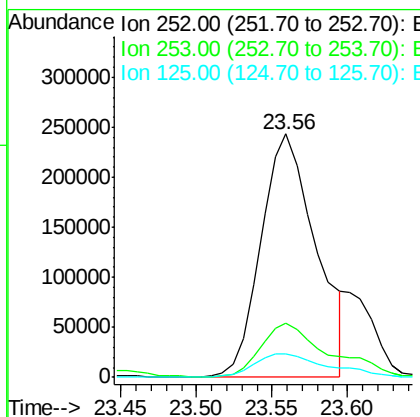
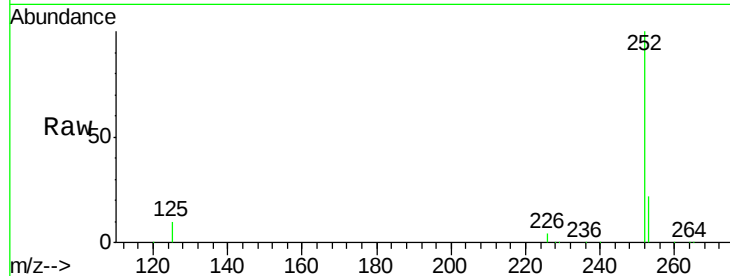
#21
Benzo(b)fluoranthene
Concen: 27.228 ng/ul m
RT: 23.56 min Scan# 3909
Delta R.T. 0.01 min
Lab File: BE096148.D
Acq: 25 Apr 2018 15:13

Instrument :
BNA_E
ClientSampleId :
DASP2

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	0.0	64.2
125	9.7	0.0	35.0

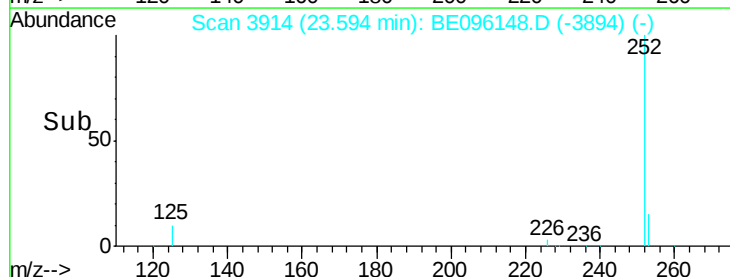
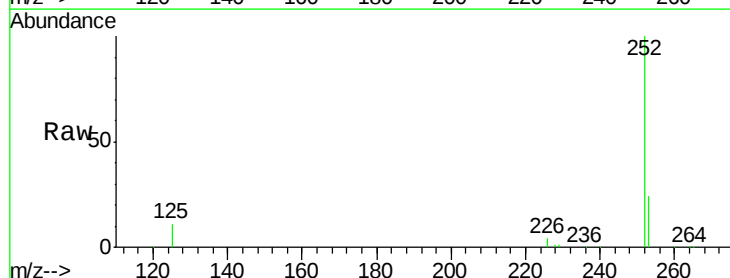
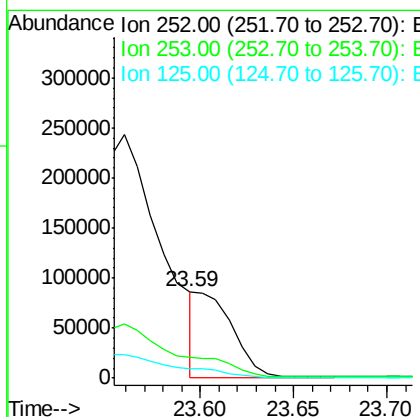
Manual Integrations
APPROVED

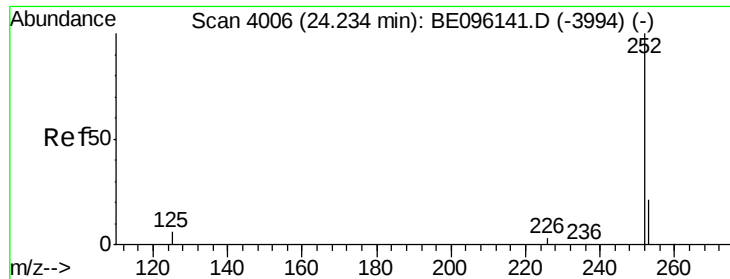
Sohil
4/26/2018 6:19:44 PM



#22
Benzo(k)fluoranthene
Concen: 5.296 ng/ul m
RT: 23.59 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BE096148.D
Acq: 25 Apr 2018 15:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	24.5	36.7#
125	11.0	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 18.367 ng/ul m

RT: 24.25 min Scan# 4007

Delta R.T. 0.01 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

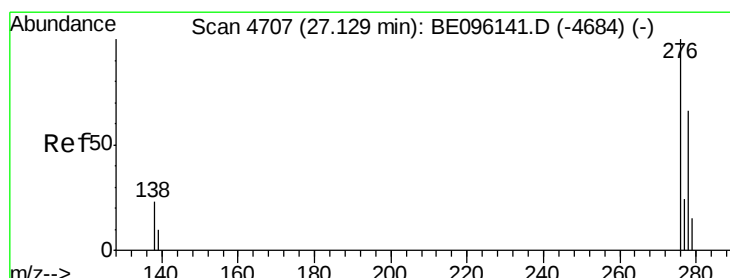
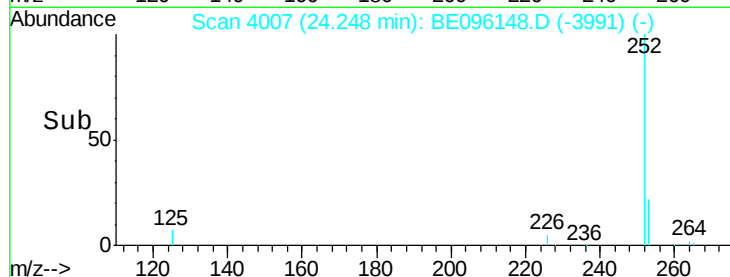
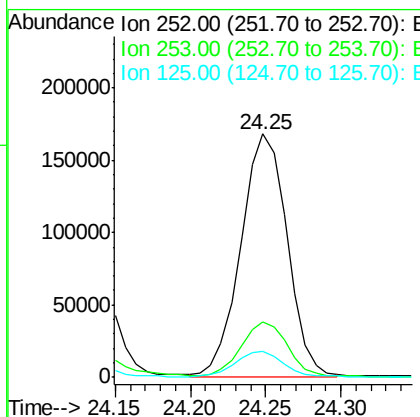
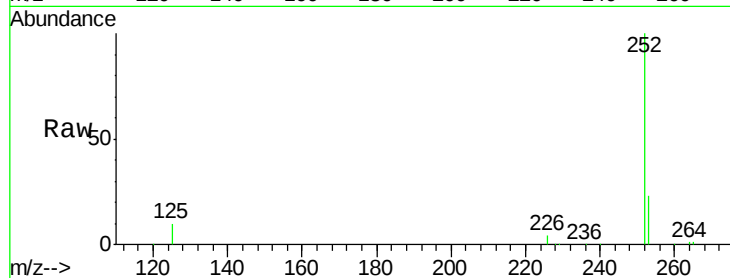
ClientSampleId :

DASP2

Tgt Ion:	252	Resp:	359441
Ion Ratio	Lower	Upper	
252	100		
253	22.6	28.5	42.7#
125	10.4	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 7.462 ng/ul m

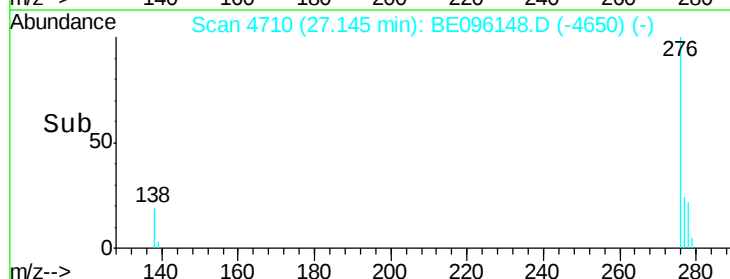
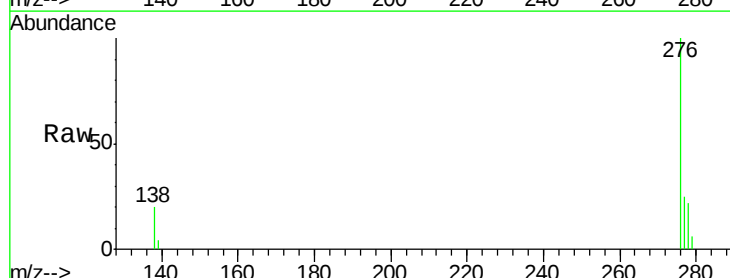
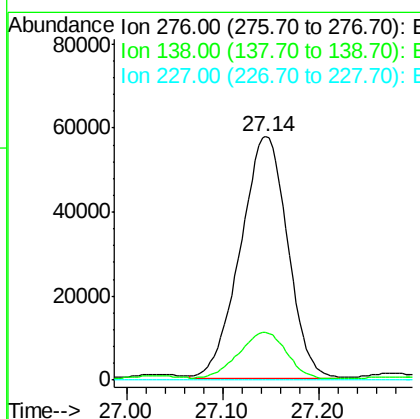
RT: 27.14 min Scan# 4710

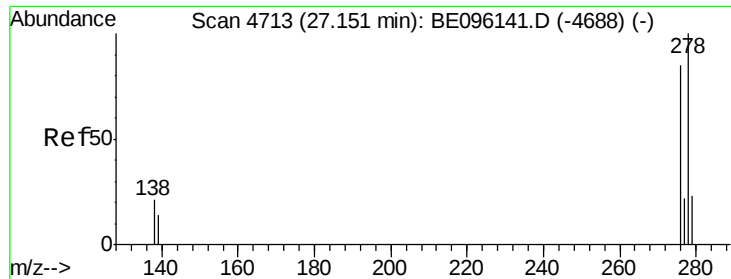
Delta R.T. 0.02 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Tgt Ion:	276	Resp:	196763
Ion Ratio	Lower	Upper	
276	100		
138	19.2	28.0	42.0#
227	0.0	8.0	12.0#





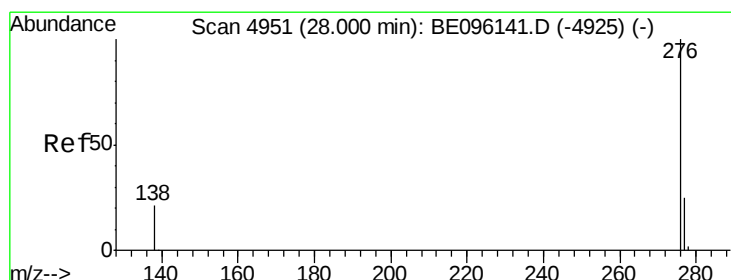
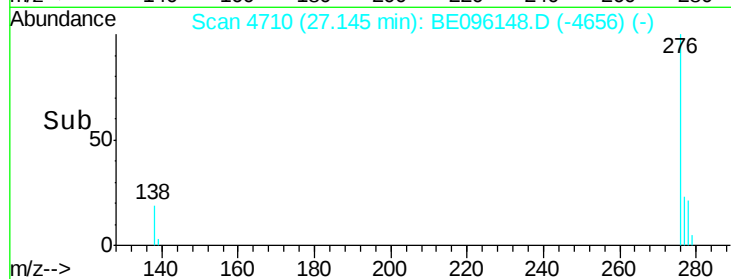
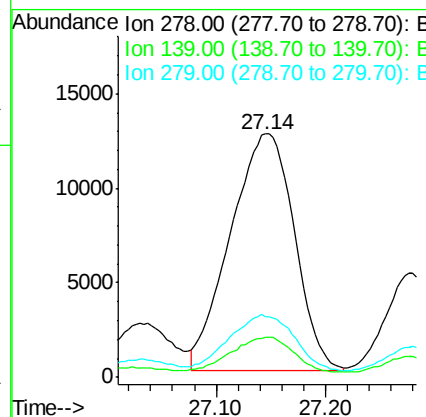
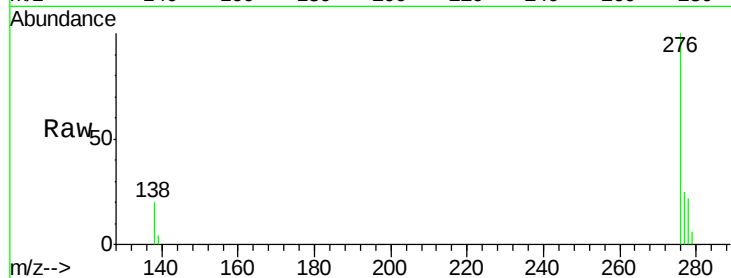
#25
Dibenzo(a,h)anthracene
Concen: 2.305 ng/ul m
RT: 27.14 min Scan# 4710
Delta R.T. -0.01 min
Lab File: BE096148.D
Acq: 25 Apr 2018 15:13

Instrument :
BNA_E
ClientSampleId :
DASP2

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	17.4	26.0#
279	24.9	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 6.174 ng/ul m
RT: 28.01 min Scan# 4953
Delta R.T. 0.01 min
Lab File: BE096148.D
Acq: 25 Apr 2018 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	21.8	32.8#
277	24.1	20.5	30.7

