

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096176.D
 Acq On : 26 Apr 2018 12:10
 Operator : SJ/JU
 Sample : J2431-13DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP4DL

Manual Integrations
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Sohil
 4/27/2018 7:28:42 PM

Quant Time: Apr 27 02:49:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 02:29:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	732	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2837	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1657	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4177	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	5359	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3927	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	214	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	612	0.03	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.23	128	3021	0.382	ng/ul#	89
5) 2-Methylnaphthalene	12.81	142	5023	0.949	ng/ul	99
7) Acenaphthylene	14.68	152	3487	0.408	ng/ul#	94
8) Acenaphthene	15.01	153	28398	4.611	ng/ul	93
9) Fluorene	15.98	166	83573	10.256	ng/ul#	91
12) Phenanthrene	17.70	178	990860	80.571	ng/ul#	87
13) Anthracene	17.79	178	208989	16.939	ng/ul#	90
15) Fluoranthene	19.68	202	1121847	59.679	ng/ul	81
17) Pyrene	20.03	202	584130	54.333	ng/ul#	76
18) Benzo(a)anthracene	21.73	228	260218	16.039	ng/ul#	84
19) Chrysene	21.79	228	181407	12.168	ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	140231m	9.431	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	47725m	3.357	ng/ul	
23) Benzo(a)pyrene	24.24	252	85445	6.614	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.14	276	30834	1.771	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.14	278	8863	0.608	ng/ul	91
26) Benzo(a,h,i)perylene	28.00	276	22306	1.472	ng/ul#	92

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

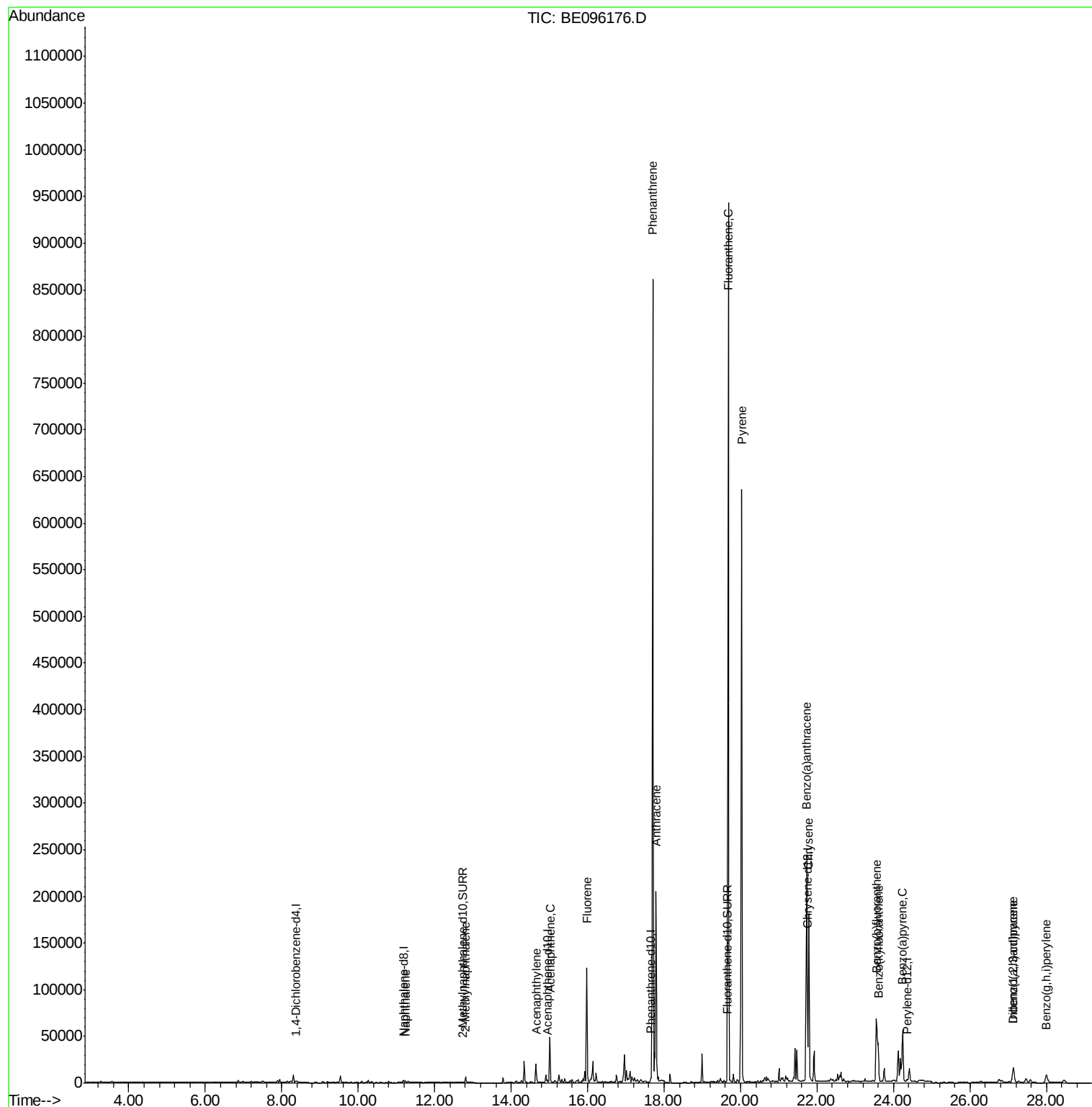
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
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ALS Vial : 5 Sample Multiplier: 1

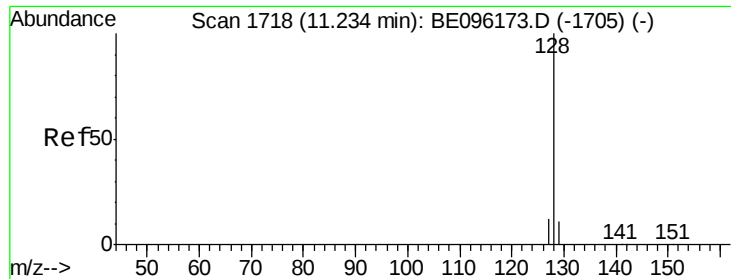
Instrument :
BNA_E
ClientSampleId :
DASP4DL

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QLast Update : Fri Apr 27 02:29:47 2018
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#3

Naphthalene

Concen: 0.382 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Instrument :

BNA_E

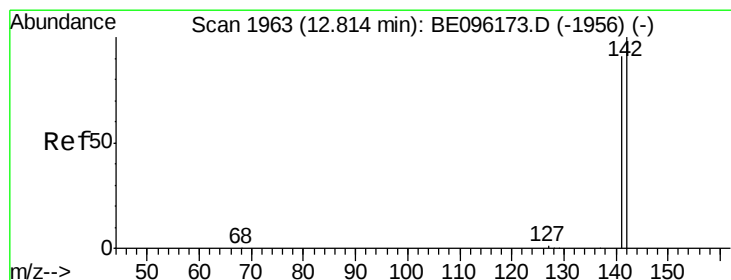
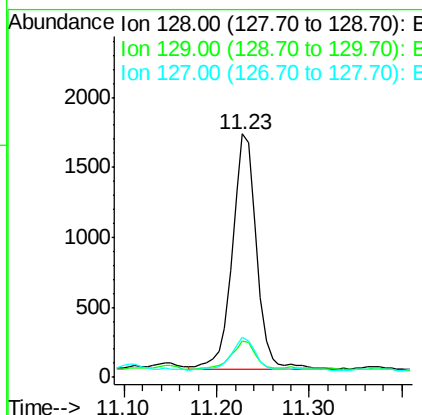
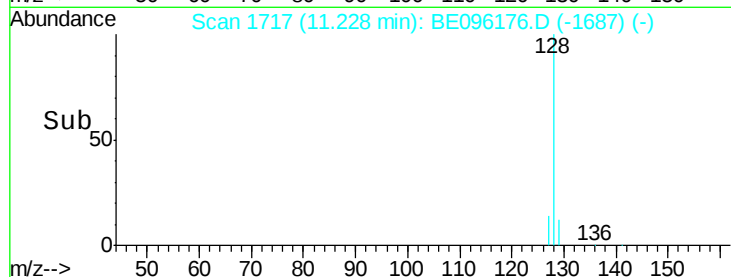
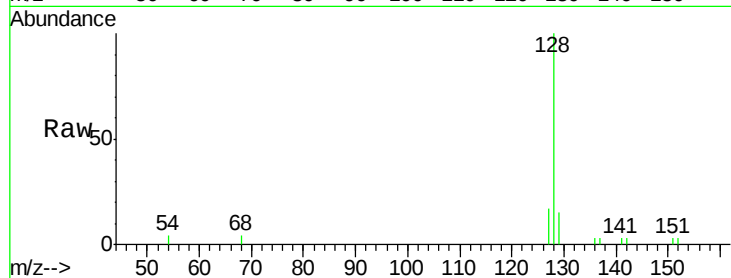
ClientSampleId :

DASP4DL

Tot Ion:	128	Resp:	3021
Ion Ratio	Lower	Upper	
128	100		
129	15.1	11.3	16.9
127	16.7	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.949 ng/ul

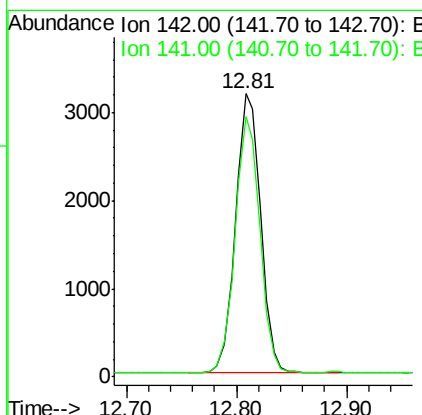
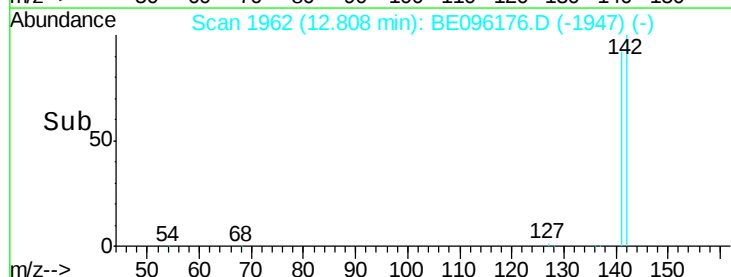
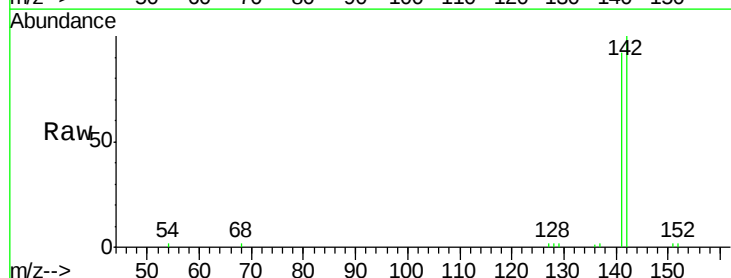
RT: 12.81 min Scan# 1962

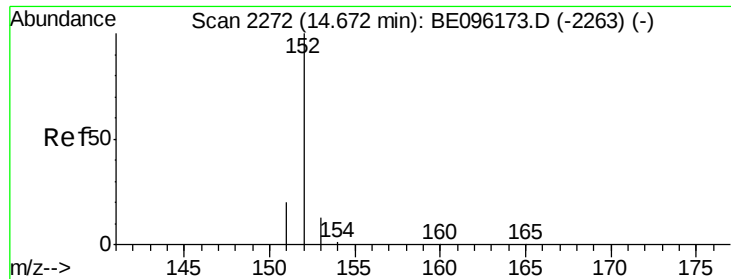
Delta R.T. -0.01 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Tgt Ion:	142	Resp:	5023
Ion Ratio	Lower	Upper	
142	100		
141	90.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.408 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Instrument :

BNA_E

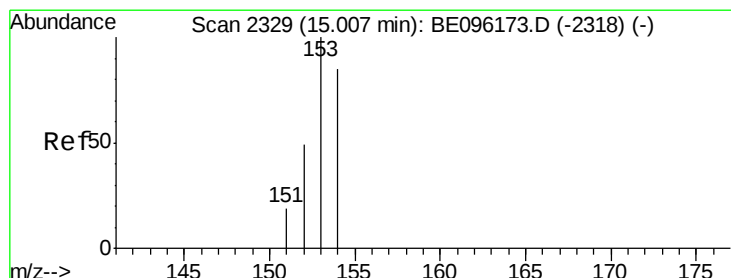
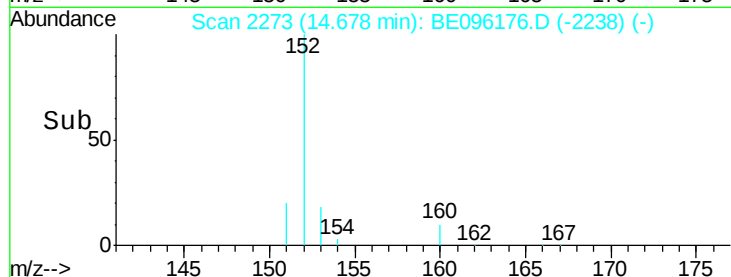
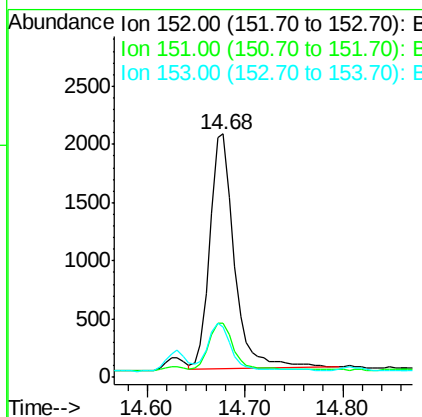
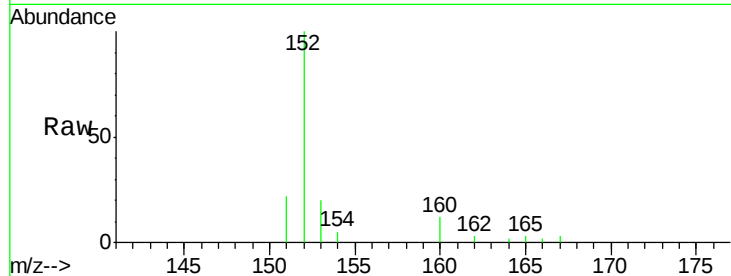
ClientSampleId :

DASP4DL

Tot Ion:	152	Resp:	3487
Ion Ratio	Lower	Upper	
152	100		
151	22.5	17.1	25.7
153	20.4	12.8	19.2

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#8

Acenaphthene

Concen: 4.611 ng/ul

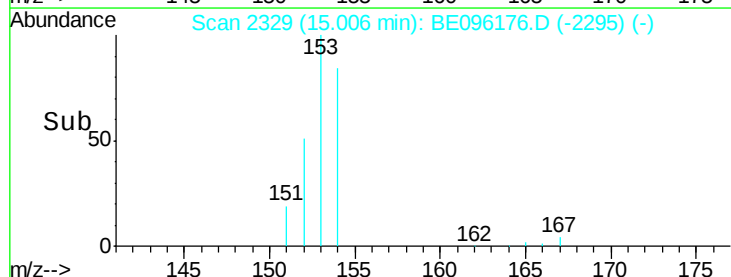
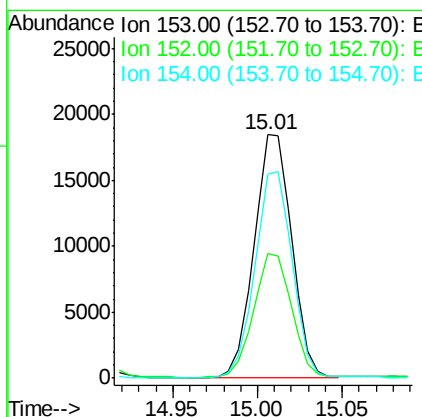
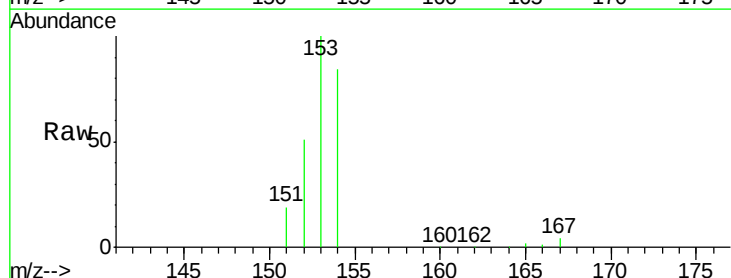
RT: 15.01 min Scan# 2329

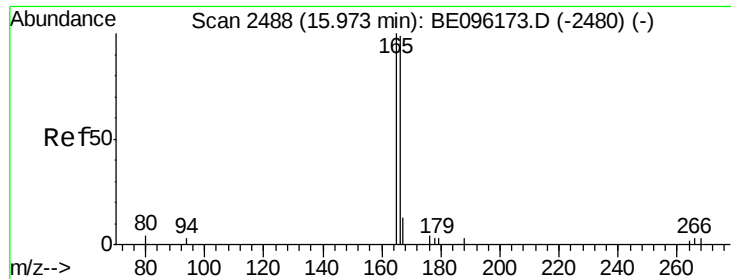
Delta R.T. -0.00 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Tgt Ion:	153	Resp:	28398
Ion Ratio	Lower	Upper	
153	100		
152	50.9	36.0	54.0
154	84.0	72.0	108.0





#9

Fluorene

Concen: 10.256 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Instrument :

BNA_E

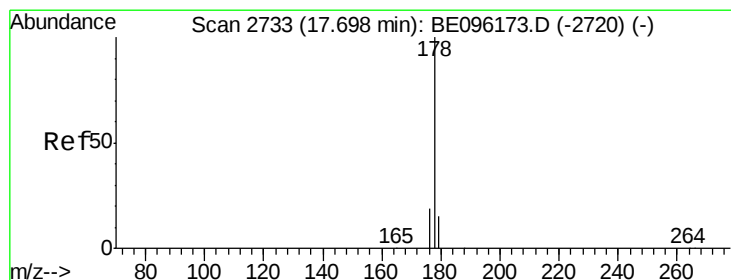
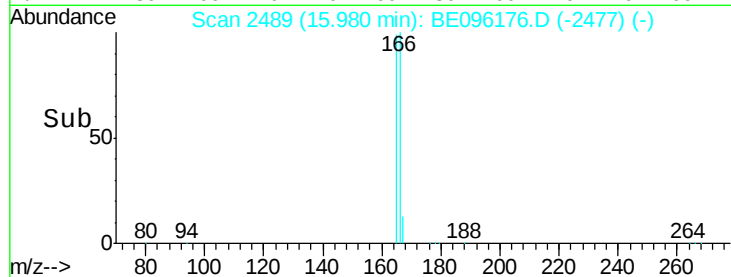
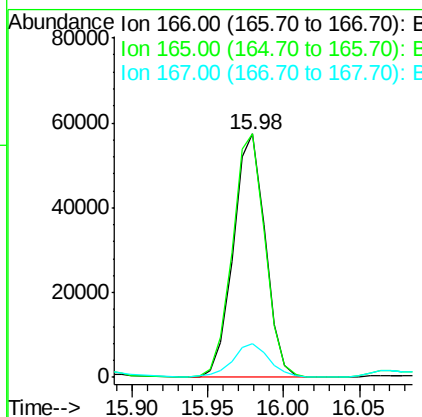
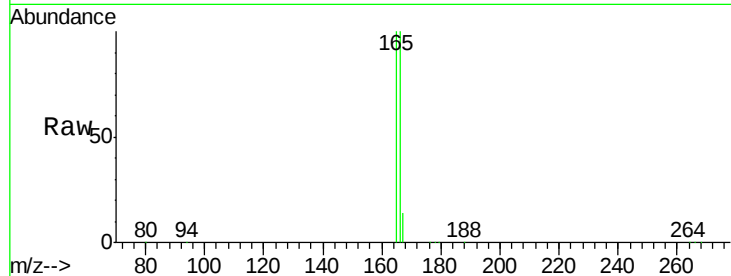
ClientSampleId :

DASP4DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	73.4	110.2
167	14.0	14.6	22.0#

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#12

Phenanthrene

Concen: 80.571 ng/ul

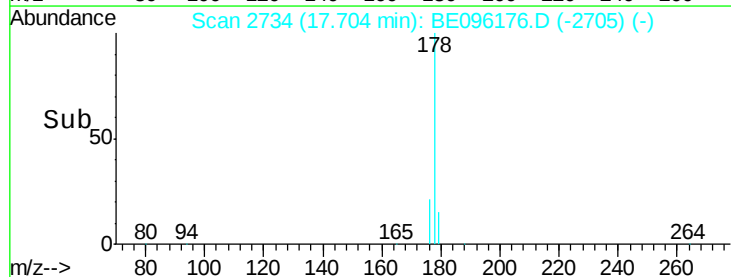
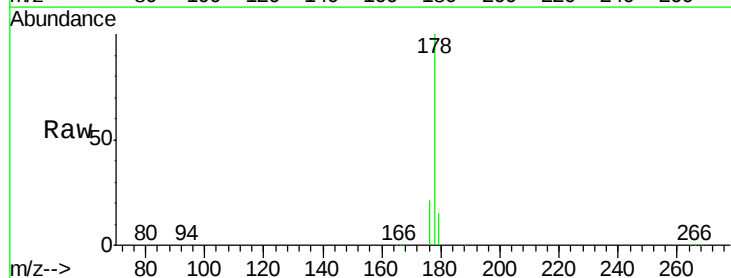
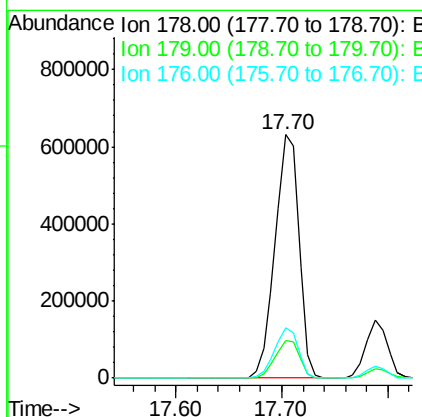
RT: 17.70 min Scan# 2734

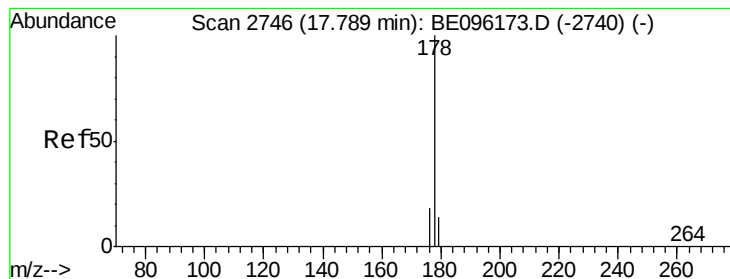
Delta R.T. 0.01 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	20.8	13.6	20.4#





#13

Anthracene

Concen: 16.939 ng/ul

RT: 17.79 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Instrument :

BNA_E

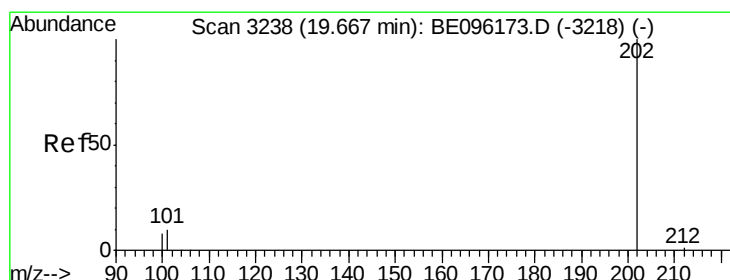
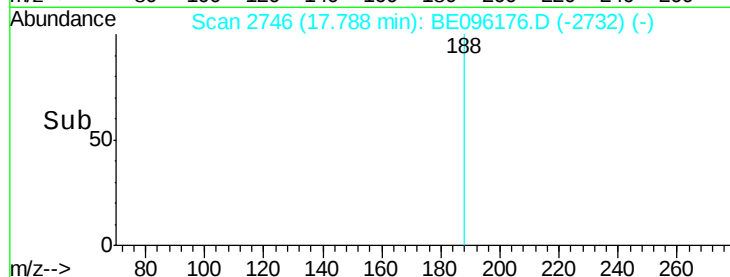
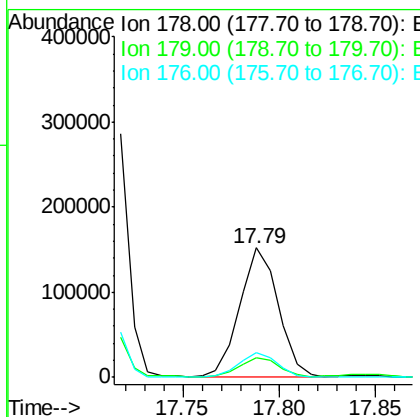
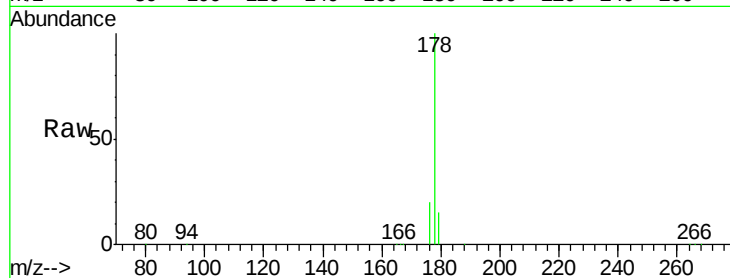
ClientSampleId :

DASP4DL

Tot Ion:	178	Resp:	208989
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.1	27.1#
176	19.6	14.7	22.1

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#15

Fluoranthene

Concen: 59.679 ng/ul

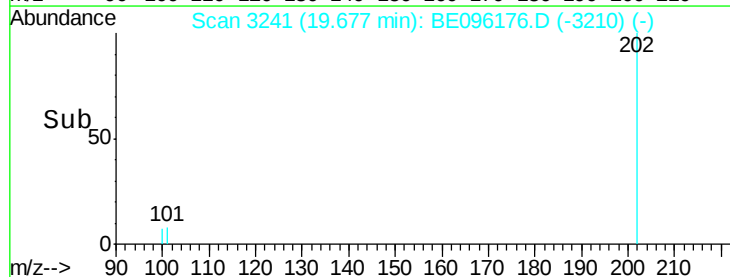
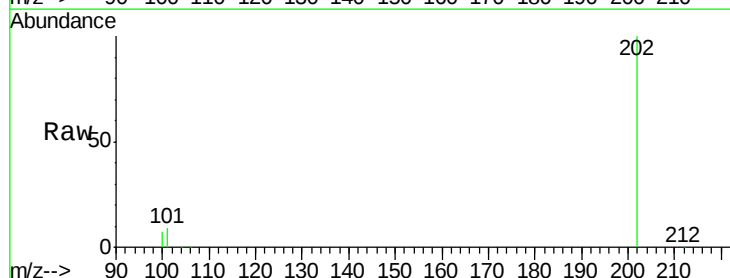
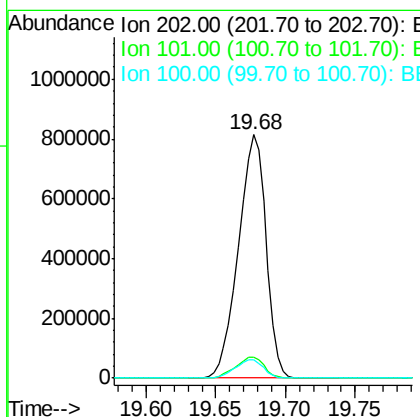
RT: 19.68 min Scan# 3241

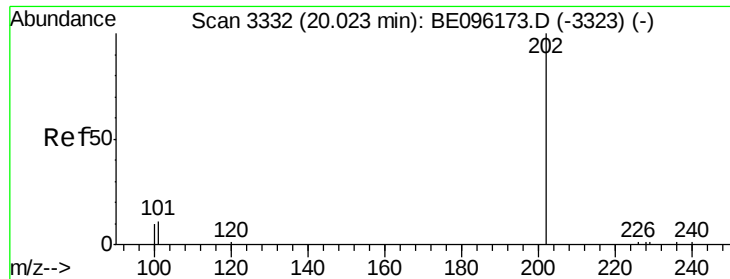
Delta R.T. 0.01 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Tgt Ion:	202	Resp:	1121847
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	30.3
100	7.3	0.0	39.5





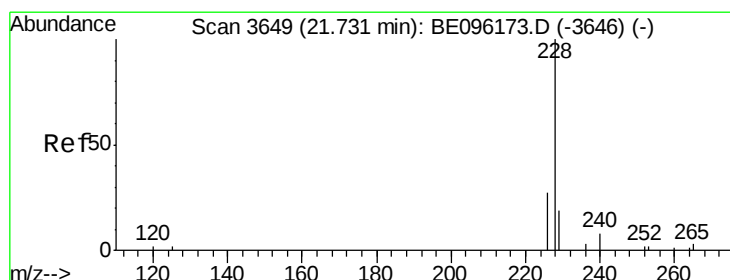
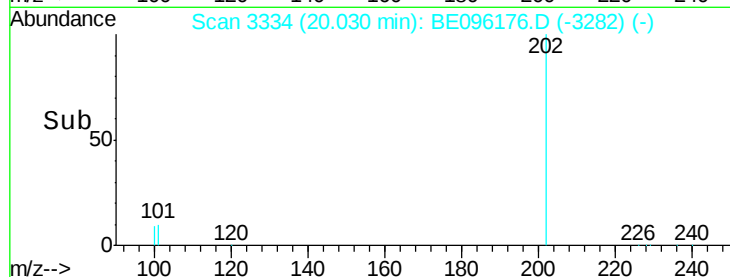
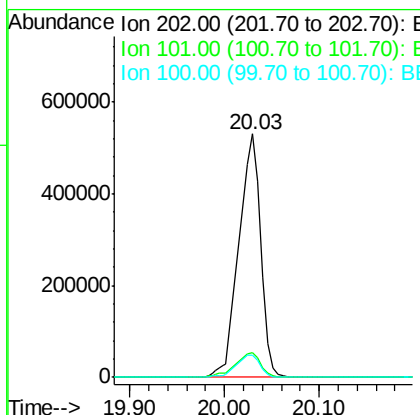
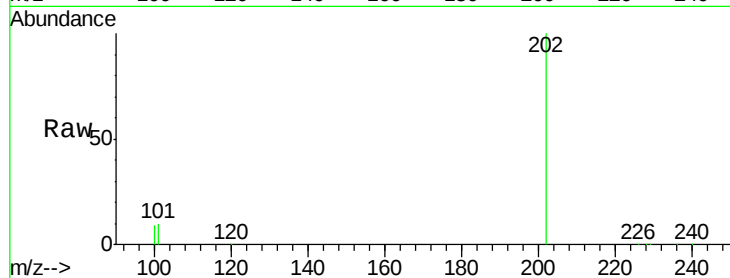
#17
 Pvrene
 Concen: 54.333 ng/ul
 RT: 20.03 min Scan# 3334
 Delta R.T. 0.01 min
 Lab File: BE096176.D
 Acq: 26 Apr 2018 12:10

Instrument :
 BNA_E
 ClientSampleId :
 DASP4DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	584130		
101	10.4		18.2	27.4#
100	9.4		15.6	23.4#

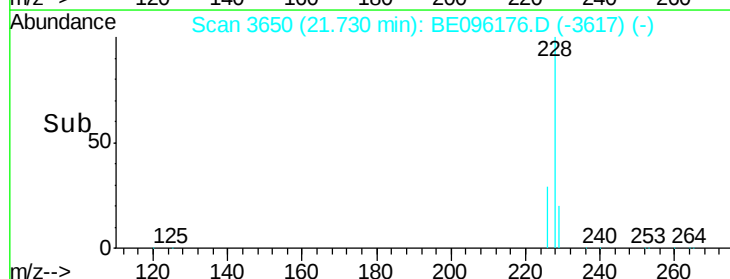
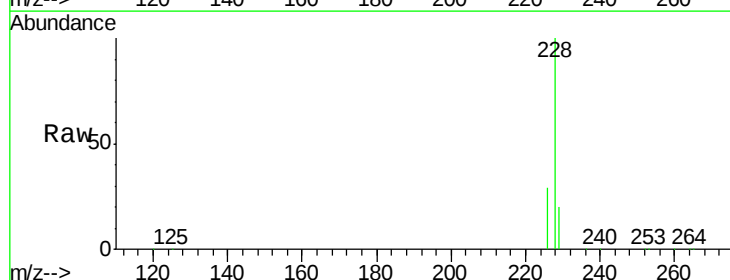
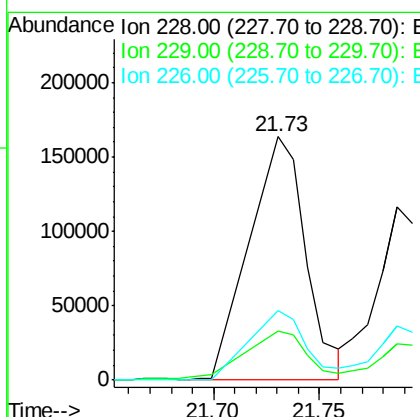
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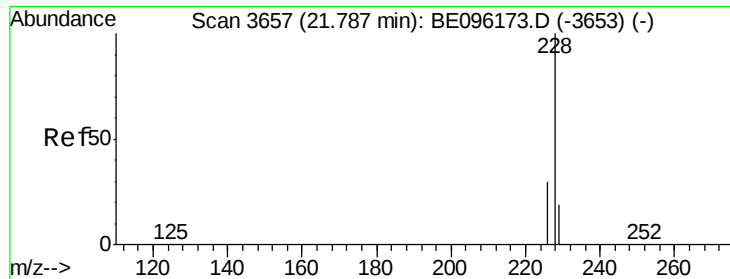
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#18
 Benzo(a)anthracene
 Concen: 16.039 ng/ul
 RT: 21.73 min Scan# 3650
 Delta R.T. -0.00 min
 Lab File: BE096176.D
 Acq: 26 Apr 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	260218		
229	20.1		22.8	34.2#
226	28.7		17.0	25.6#





#19

Chrysene

Concen: 12.168 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Instrument :

BNA_E

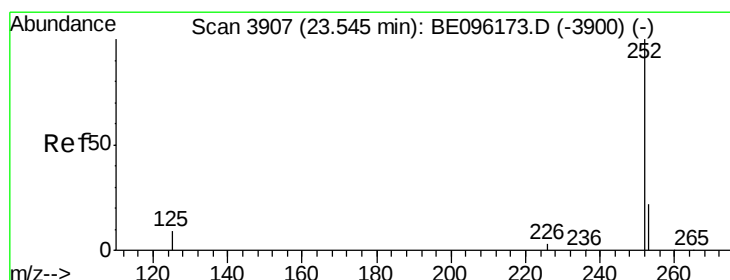
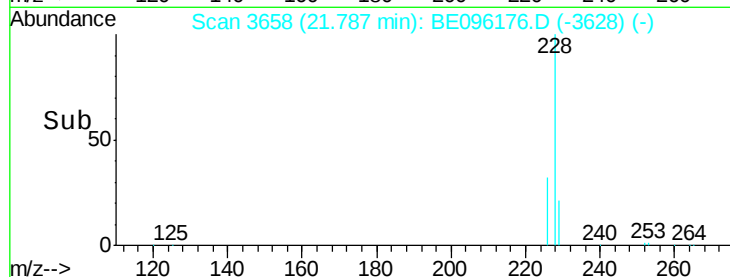
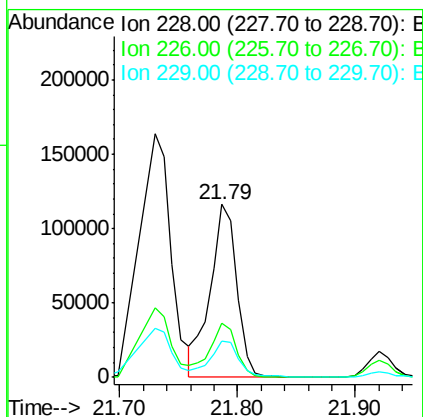
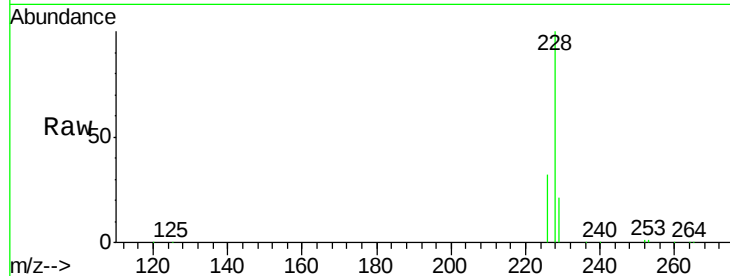
ClientSampleId :

DASP4DL

Tot Ion:	228	Resp:	181407
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.4	35.0
229	21.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 9.431 ng/ul m

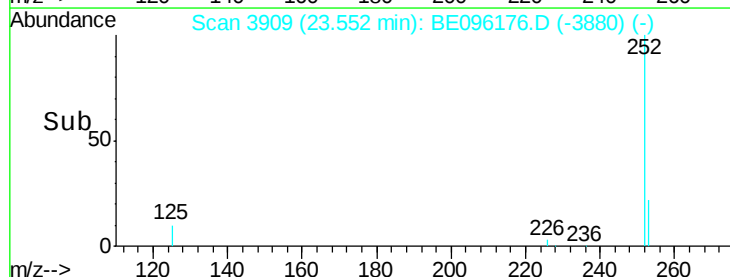
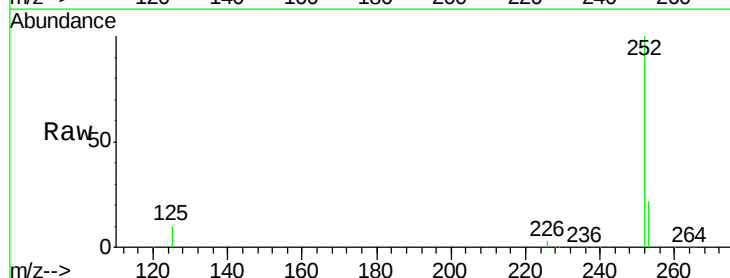
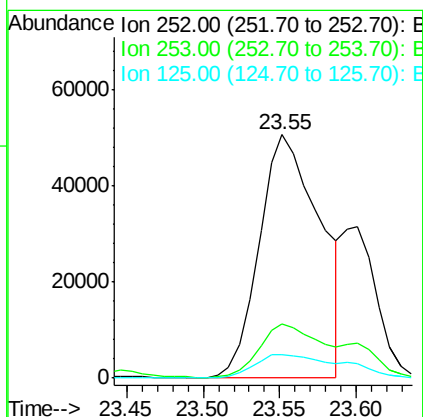
RT: 23.55 min Scan# 3909

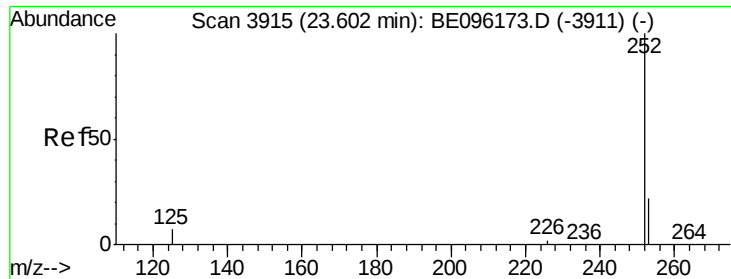
Delta R.T. 0.01 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Tgt Ion:	252	Resp:	140231
Ion Ratio	Lower	Upper	
252	100		
253	22.3	0.0	64.2
125	9.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.357 ng/ul m

RT: 23.60 min Scan# 3916

Delta R.T. -0.00 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Instrument :

BNA_E

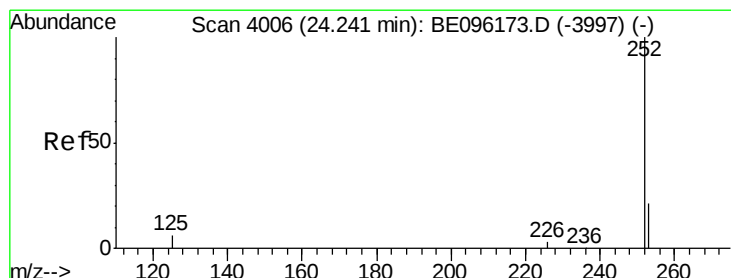
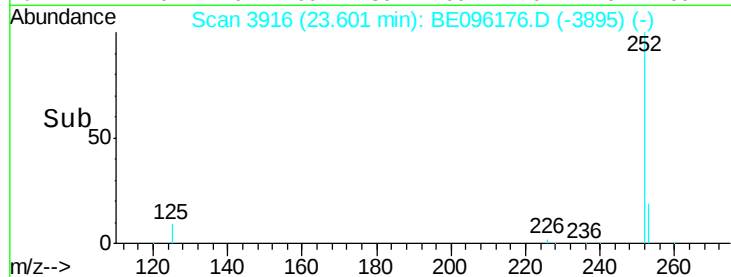
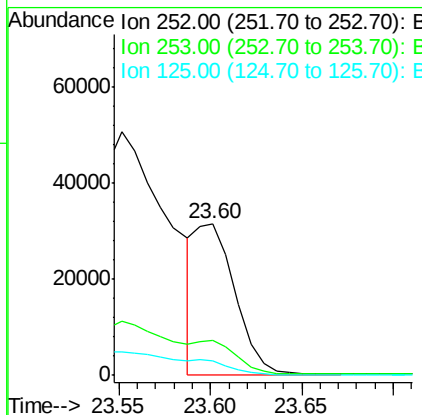
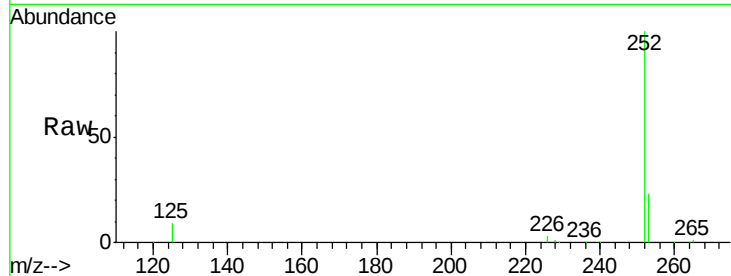
ClientSampleId :

DASP4DL

Tot Ion:252 Resp: 47725
 Ion Ratio Lower Upper
 252 100
 253 23.2 24.5 36.7#
 125 9.1 13.7 20.5#

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#23

Benzo(a)pyrene

Concen: 6.614 ng/ul

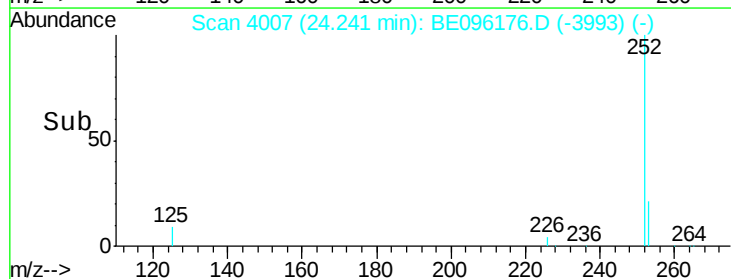
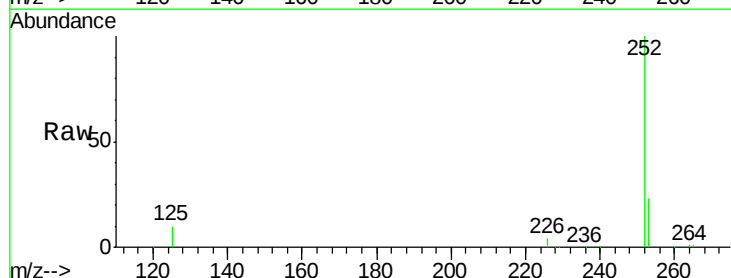
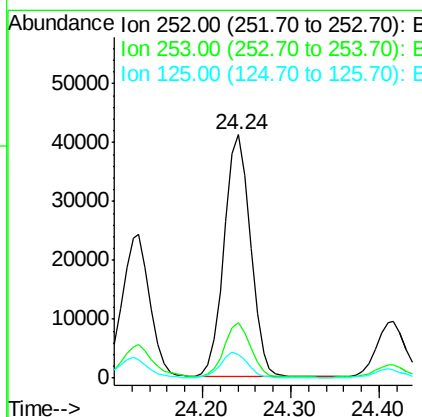
RT: 24.24 min Scan# 4007

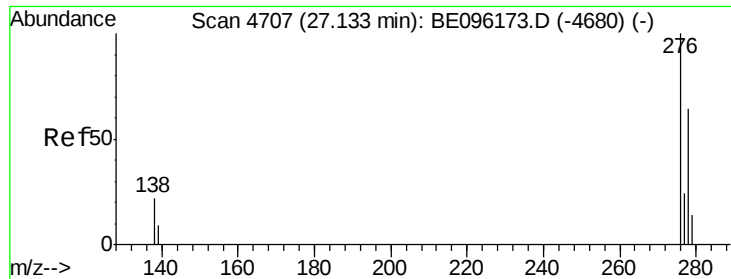
Delta R.T. -0.00 min

Lab File: BE096176.D

Acq: 26 Apr 2018 12:10

Tgt Ion:252 Resp: 85445
 Ion Ratio Lower Upper
 252 100
 253 22.7 28.5 42.7#
 125 9.8 18.1 27.1#





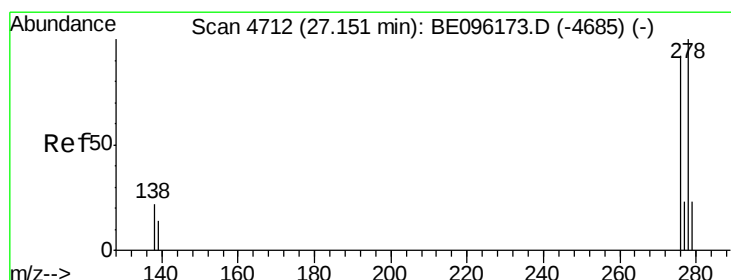
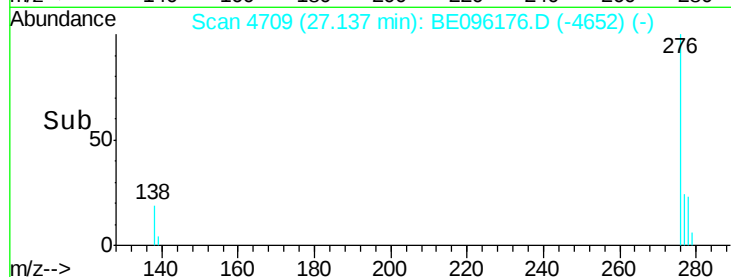
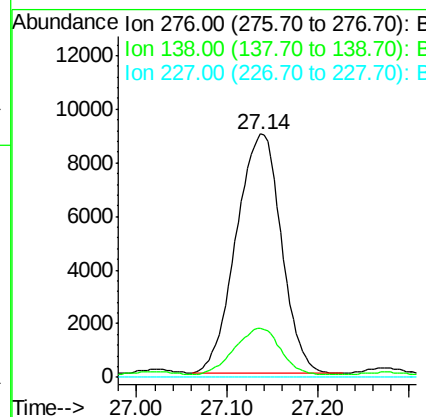
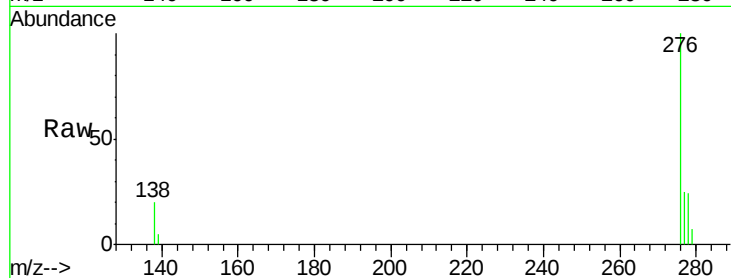
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.771 ng/ul
 RT: 27.14 min Scan# 4709
 Delta R.T. 0.00 min
 Lab File: BE096176.D
 Acq: 26 Apr 2018 12:10

Instrument :
 BNA_E
 ClientSampleId :
 DASP4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	28.0	42.0#
227	0.0	8.0	12.0#

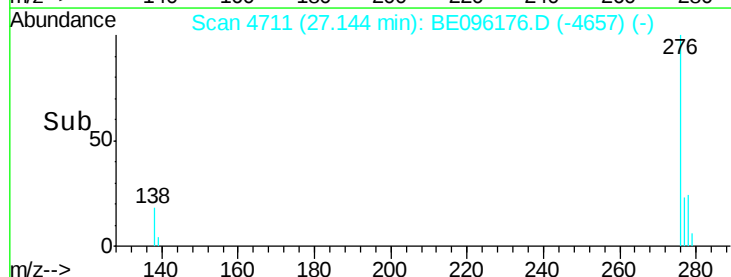
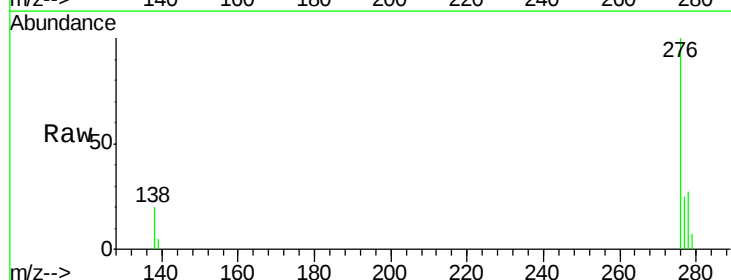
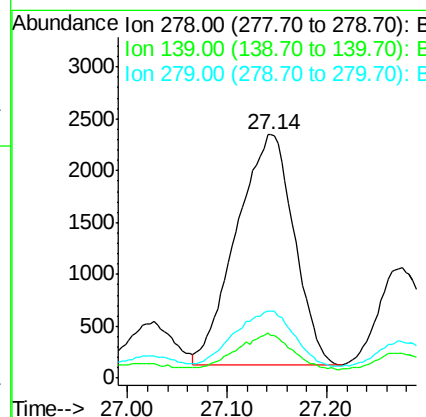
Manual Integrations
 APPROVED

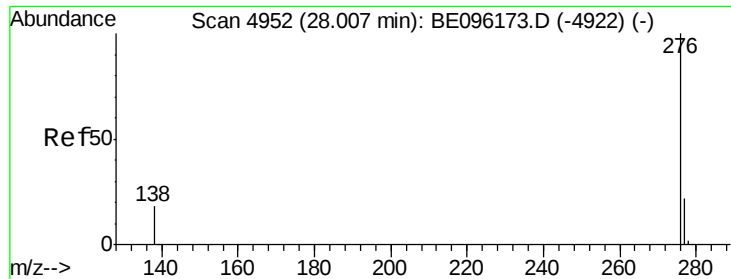
Sohil
 4/27/2018 7:28:42 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.608 ng/ul
 RT: 27.14 min Scan# 4711
 Delta R.T. -0.01 min
 Lab File: BE096176.D
 Acq: 26 Apr 2018 12:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	17.4	26.0
279	27.6	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 1.472 ng/ul
 RT: 28.00 min Scan# 4950
 Delta R.T. -0.01 min
 Lab File: BE096176.D
 Acq: 26 Apr 2018 12:10

Instrument :
 BNA_E
 ClientSampleId :
 DASP4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	21.8	32.8#
277	24.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:28:42 PM

