

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
 Data File : BE096888.D
 Acq On : 9 Jul 2018 19:24
 Operator : SJ/JU
 Sample : J3765-05DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H07DL

Manual Integrations
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Quant Time: Jul 10 03:51:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 10 02:37:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3894	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	21297	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	13142	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	30801	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	32786	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	32056m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1074	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	2857	0.04	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.19	128	9938	0.193	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	3568	0.102	ng/ul	99
7) Acenaphthylene	13.74	152	41161	0.764	ng/ul	96
8) Acenaphthene	14.09	153	1574	0.035	ng/ul#	88
9) Fluorene	15.08	166	1802	0.039	ng/ul#	88
12) Phenanthrene	16.82	178	37823	0.476	ng/ul#	89
13) Anthracene	16.91	178	53980	0.800	ng/ul#	92
15) Fluoranthene	18.85	202	250587	2.962	ng/ul	84
17) Pyrene	19.21	202	349431	3.247	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	292008	3.776	ng/ul#	82
19) Chrysene	21.02	228	396306	3.956	ng/ul	98
21) Benzo(b)fluoranthene	22.55	252	1031059m	11.785	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	307533m	3.220	ng/ul	
23) Benzo(a)pyrene	23.12	252	506751	6.848	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.51	276	437347	5.693	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.52	278	101956m	1.671	ng/ul	
26) Benzo(g,h,i)perylene	26.21	276	378098	5.071	ng/ul#	92

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

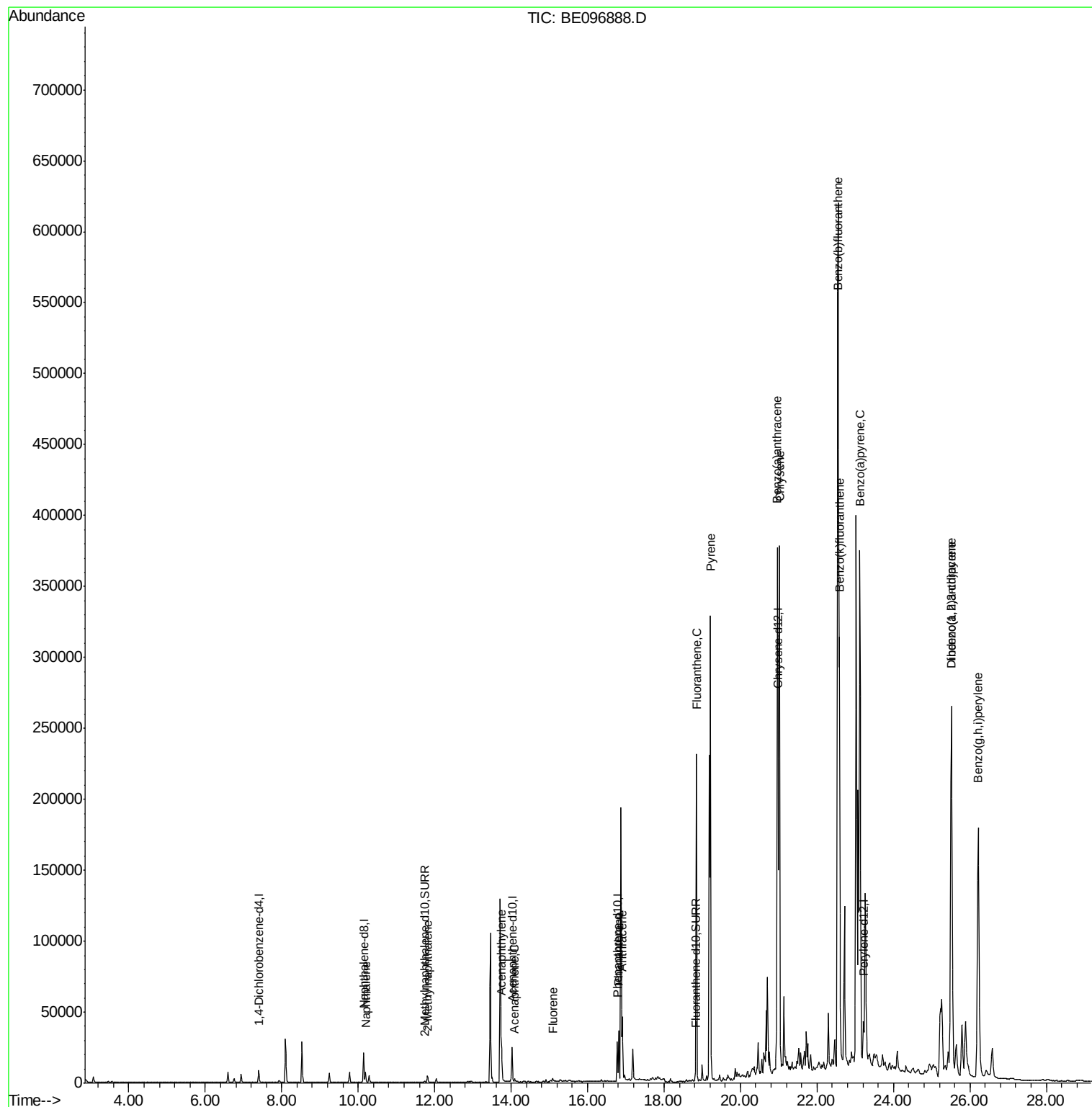
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
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ALS Vial : 14 Sample Multiplier: 1

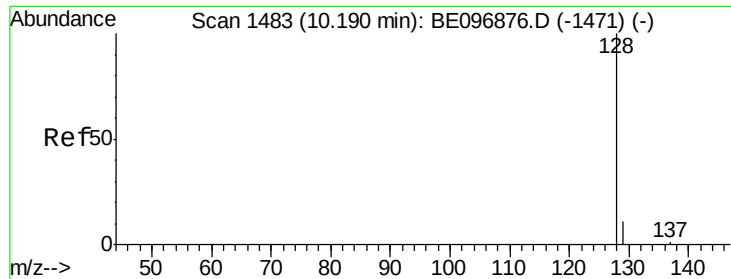
Instrument :
BNA_E
ClientSampleId :
F1H07DL

Quant Time: Jul 10 03:51:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
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#3

Naphthalene

Concen: 0.193 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

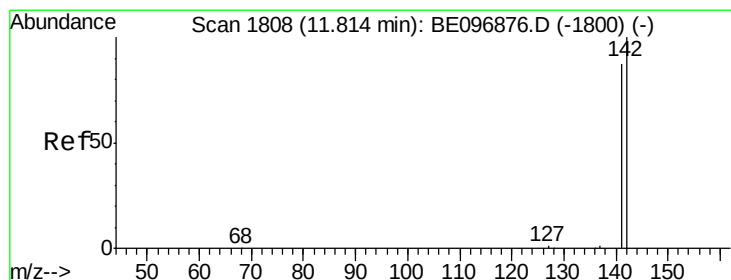
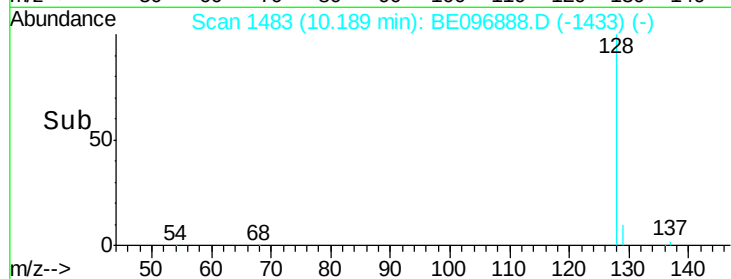
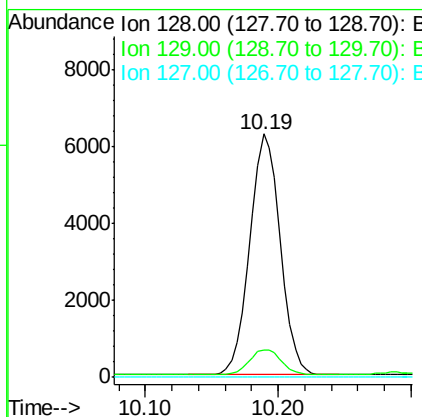
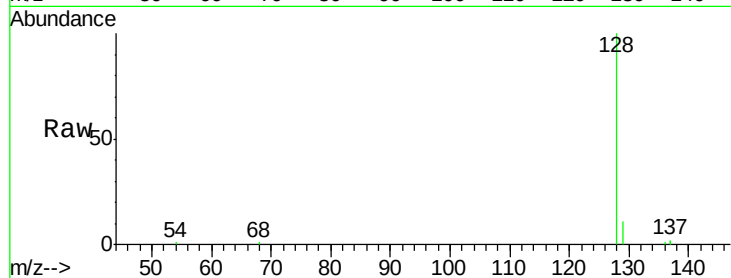
ClientSampleId :

F1H07DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.102 ng/ul

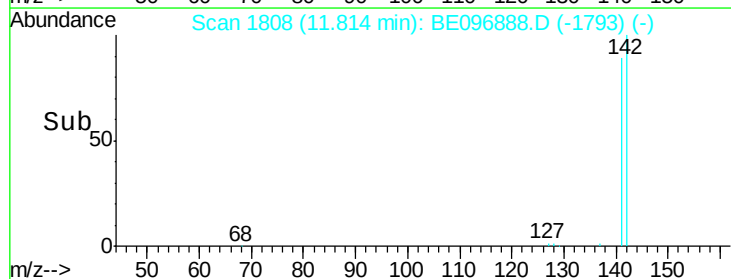
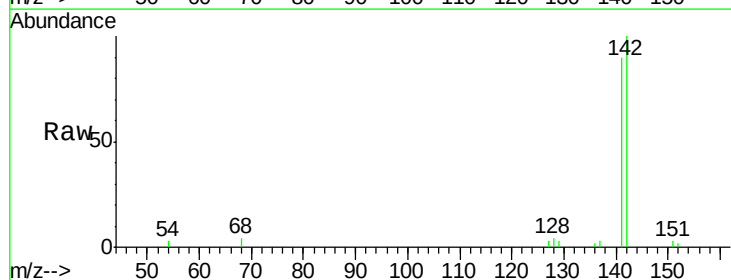
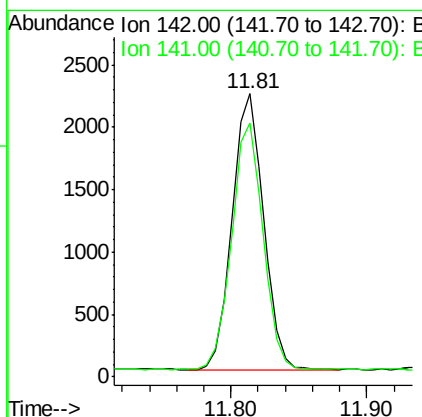
RT: 11.81 min Scan# 1808

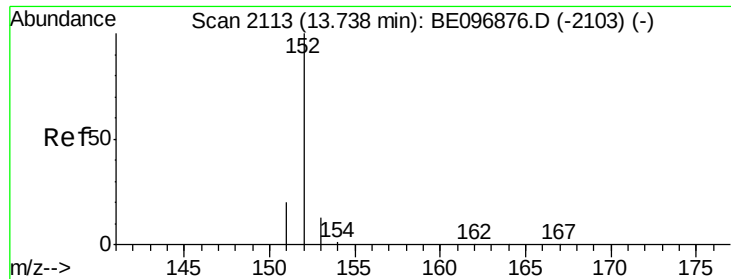
Delta R.T. -0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.764 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

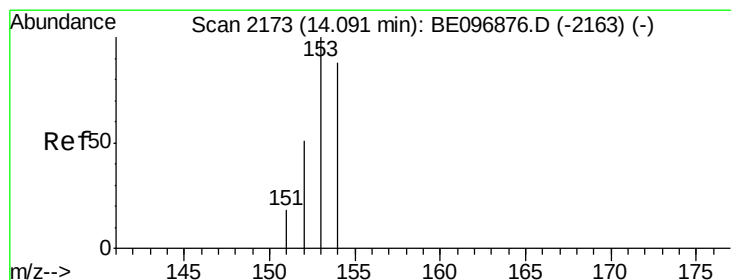
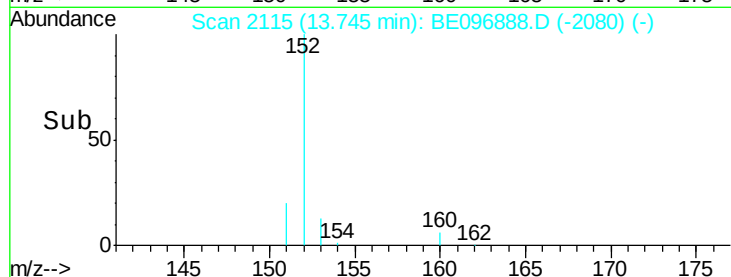
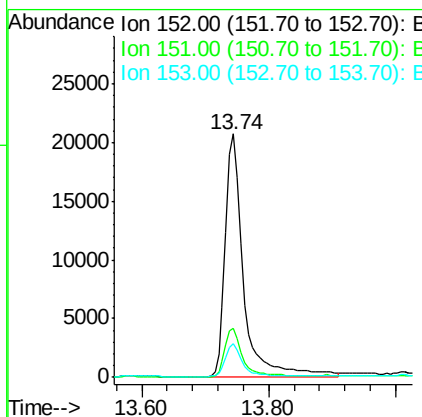
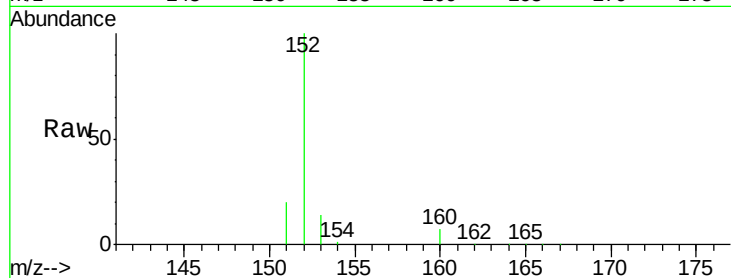
ClientSampleId :

F1H07DL

Tgt Ion:	152	Resp:	41161
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.1	25.7
153	13.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.035 ng/ul

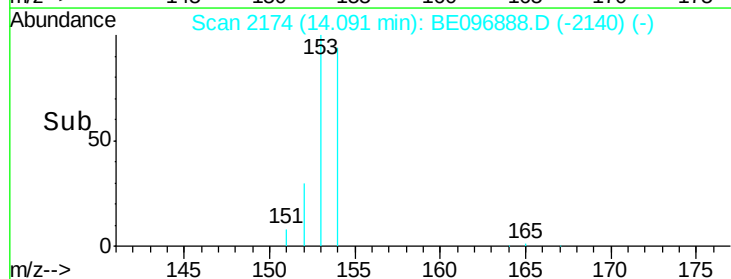
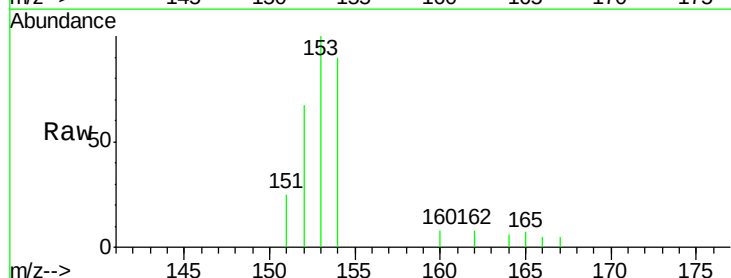
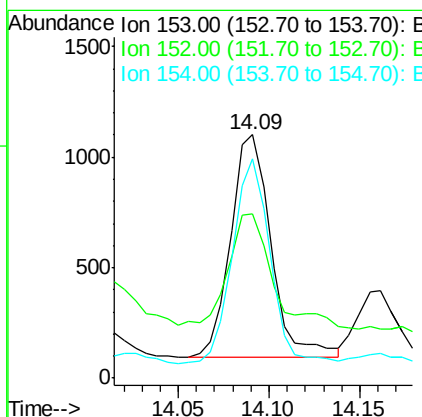
RT: 14.09 min Scan# 2174

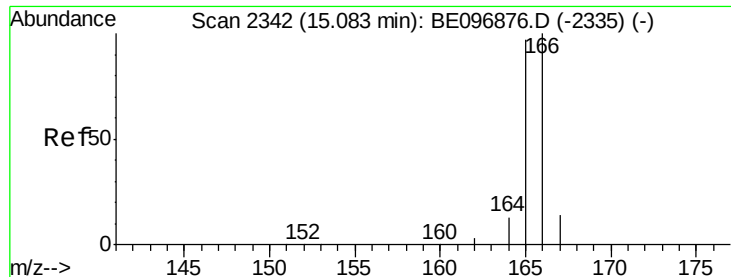
Delta R.T. 0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Tgt Ion:	153	Resp:	1574
Ion Ratio	Lower	Upper	
153	100		
152	67.2	36.0	54.0#
154	90.3	72.0	108.0





#9

Fluorene

Concen: 0.039 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

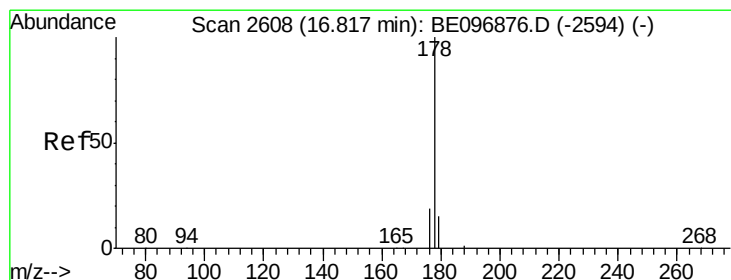
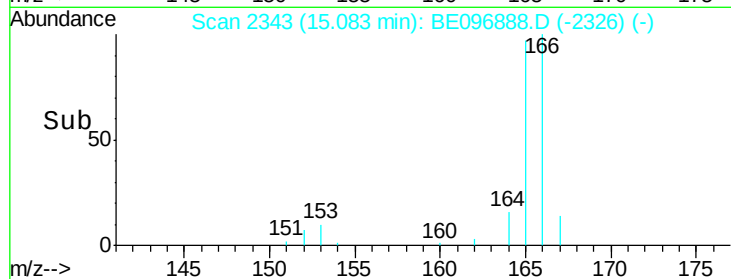
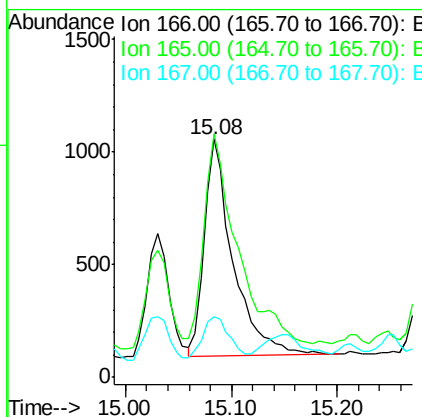
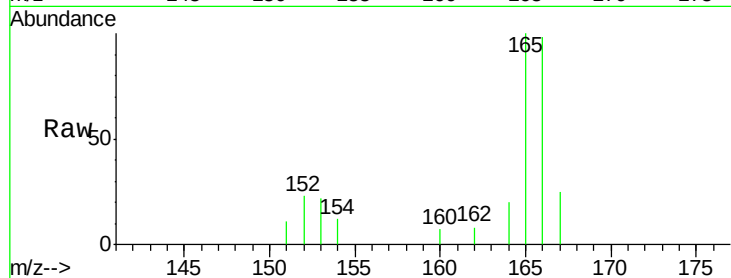
ClientSampleId :

F1H07DL

Tgt Ion:	166	Resp:	1802
Ion Ratio	Lower	Upper	
166	100		
165	102.4	73.4	110.2
167	25.7	14.6	22.0

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#12

Phenanthrene

Concen: 0.476 ng/ul

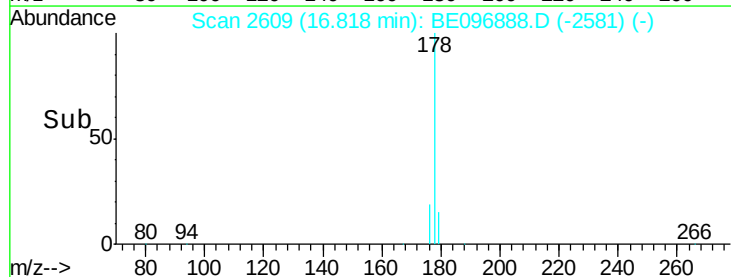
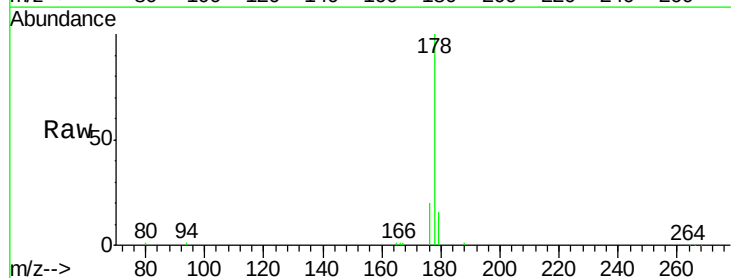
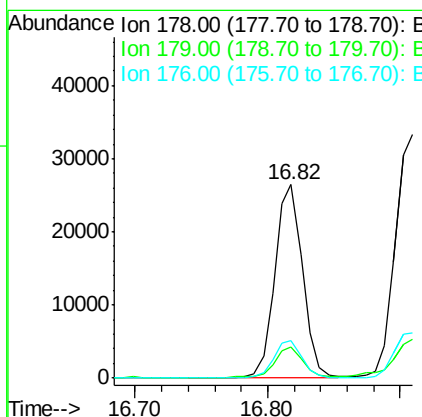
RT: 16.82 min Scan# 2609

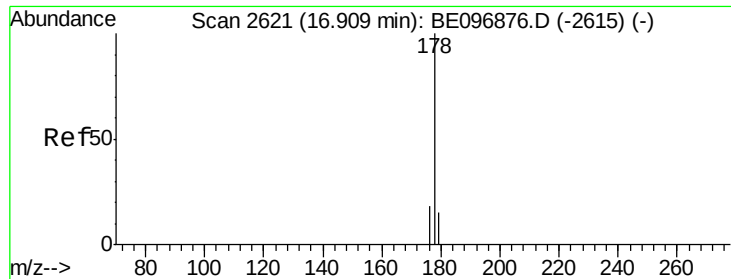
Delta R.T. 0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Tgt Ion:	178	Resp:	37823
Ion Ratio	Lower	Upper	
178	100		
179	16.0	18.4	27.6
176	19.6	13.6	20.4





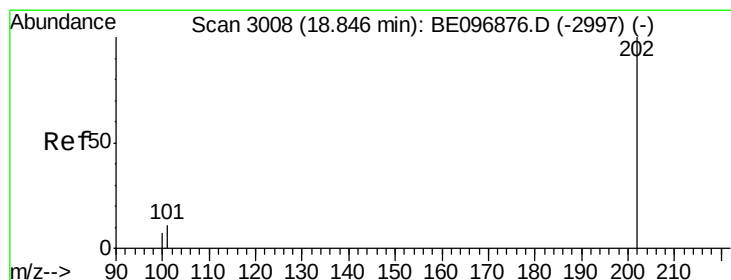
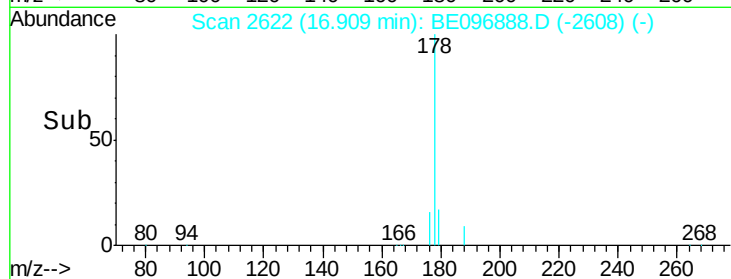
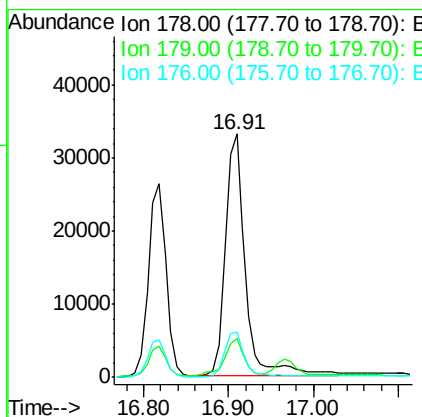
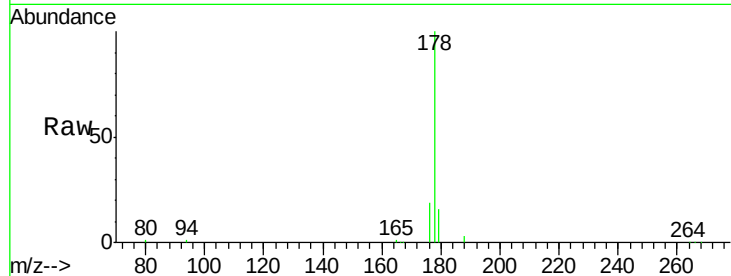
#13
 Anthracene
 Concen: 0.800 ng/ul
 RT: 16.91 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

Instrument :
 BNA_E
 ClientSampleId :
 F1H07DL

Tgt Ion:178 Resp: 53980
 Ion Ratio Lower Upper
 178 100
 179 16.1 18.1 27.1#
 176 18.8 14.7 22.1

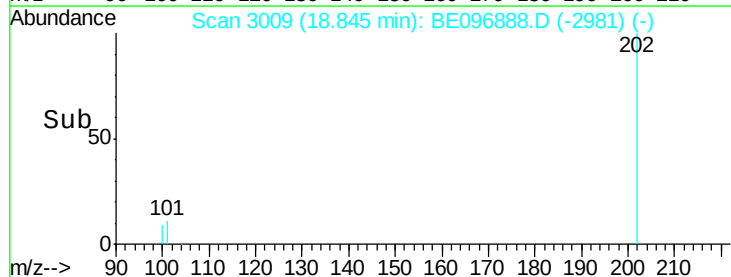
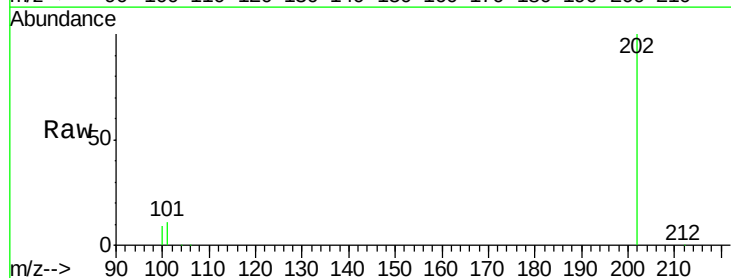
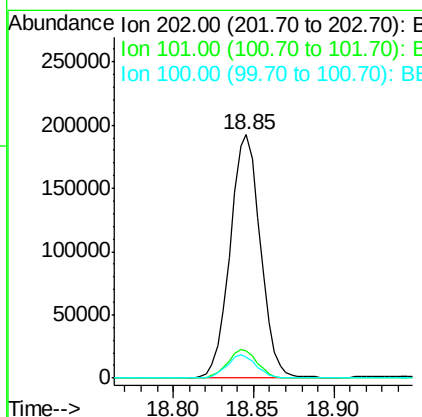
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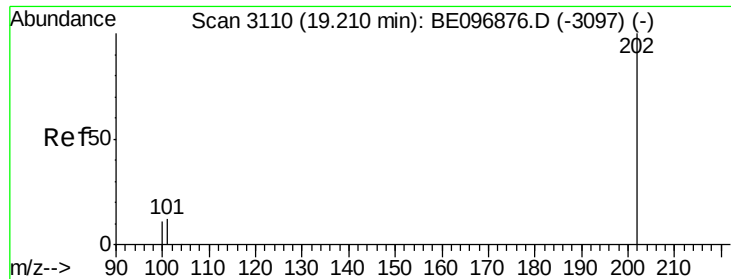
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#15
 Fluoranthene
 Concen: 2.962 ng/ul
 RT: 18.85 min Scan# 3009
 Delta R.T. -0.00 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

Tgt Ion:202 Resp: 250587
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 30.3
 100 8.8 0.0 39.5





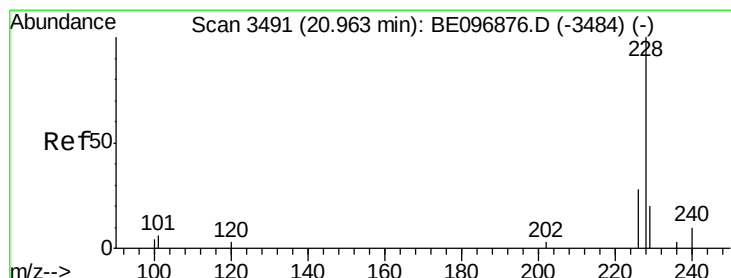
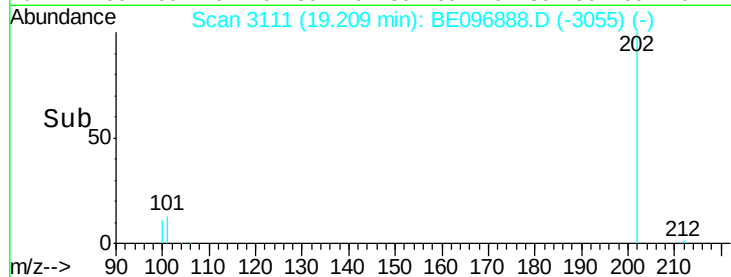
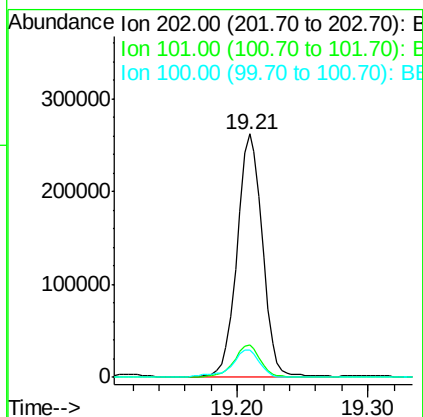
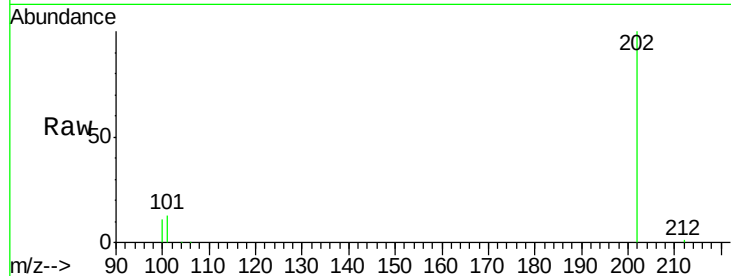
#17
 Pyrene
 Concen: 3.247 ng/ul
 RT: 19.21 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

Instrument :
 BNA_E
 ClientSampleId :
 F1H07DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.3	18.2	27.4#
100	11.2	15.6	23.4#

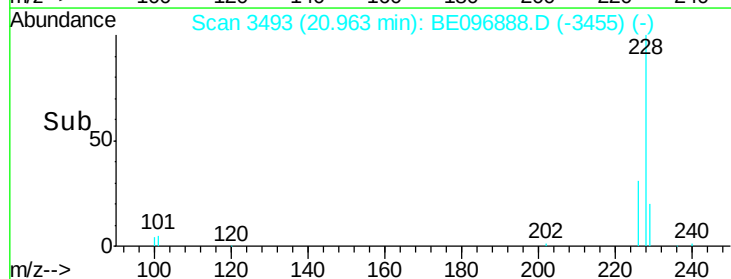
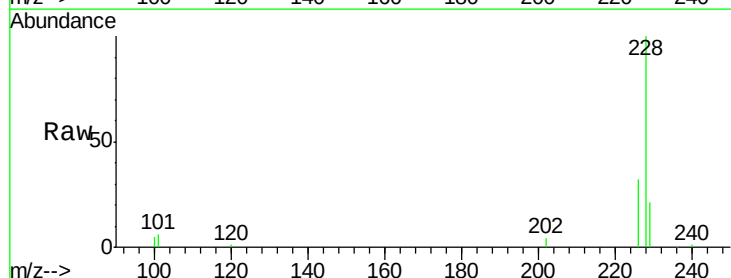
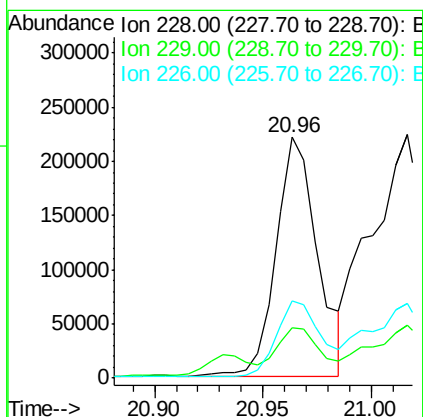
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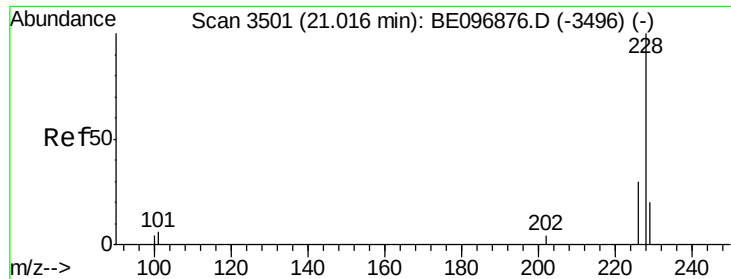
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#18
 Benzo(a)anthracene
 Concen: 3.776 ng/ul
 RT: 20.96 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	22.8	34.2#
226	31.9	17.0	25.6#





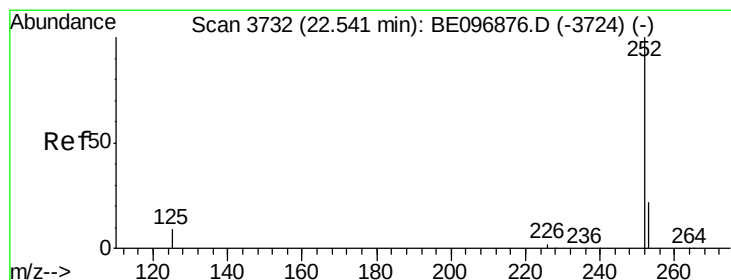
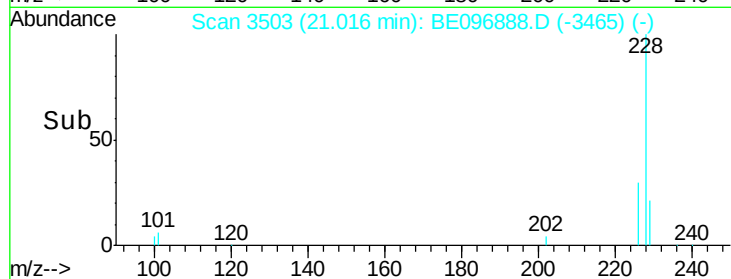
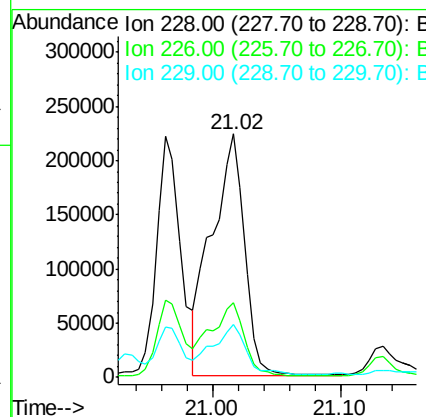
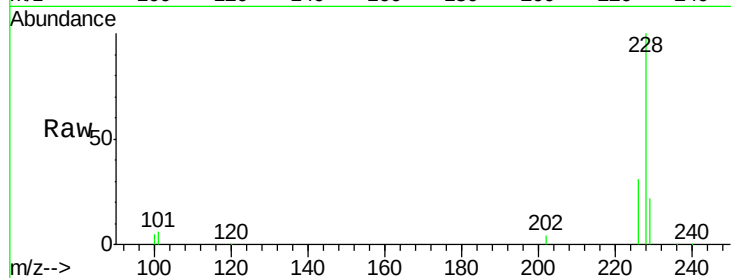
#19
Chrysene
Concen: 3.956 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096888.D
Acq: 9 Jul 2018 19:24

Instrument :
BNA_E
ClientSampleId :
F1H07DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	21.8	17.7	26.5

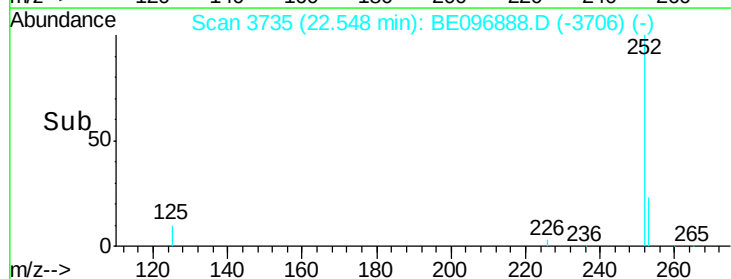
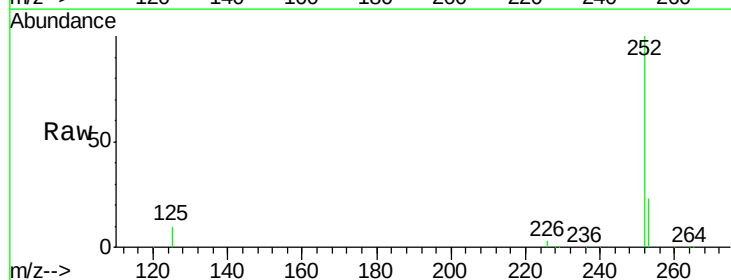
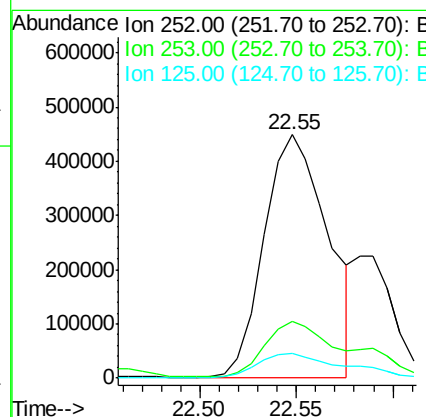
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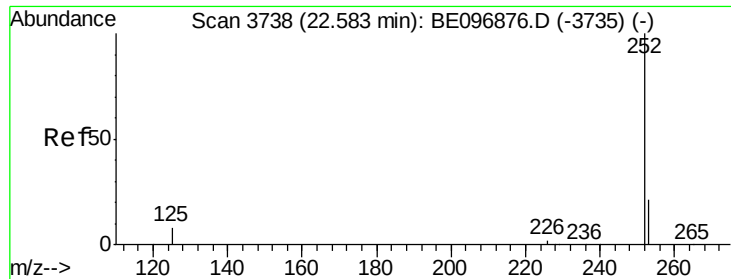
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#21
Benzo(b)fluoranthene
Concen: 11.785 ng/ul m
RT: 22.55 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BE096888.D
Acq: 9 Jul 2018 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	10.1	0.0	35.0





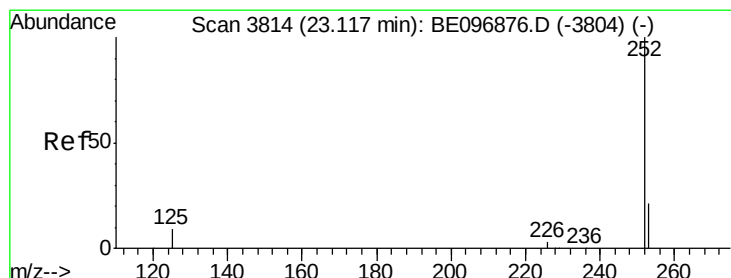
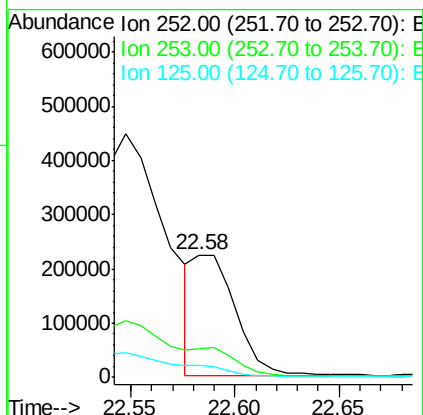
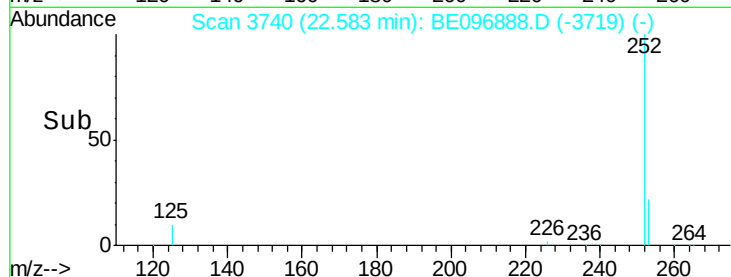
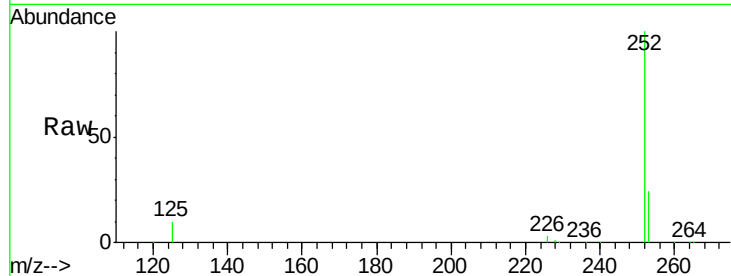
#22
Benzo(k)fluoranthene
Concen: 3.220 ng/ul m
RT: 22.58 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BE096888.D
Acq: 9 Jul 2018 19:24

Instrument :
BNA_E
ClientSampleId :
F1H07DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	307533		
253	23.8	24.5	36.7#	
125	10.3	13.7	20.5#	

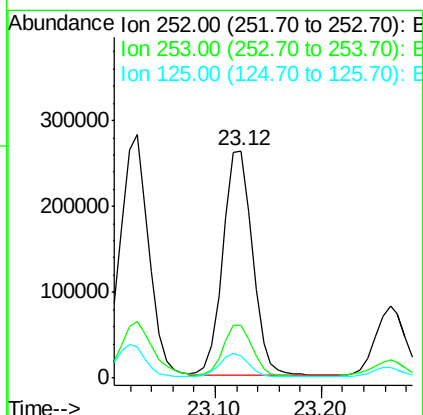
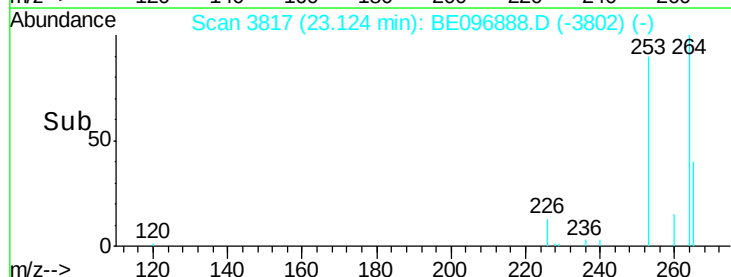
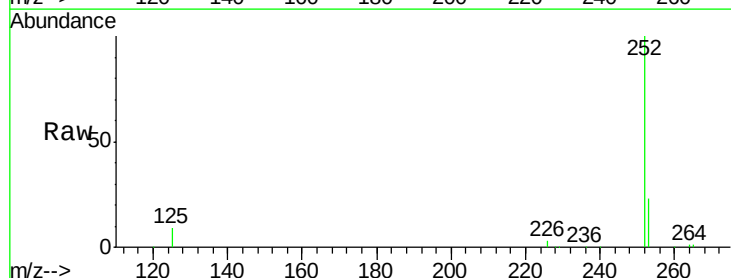
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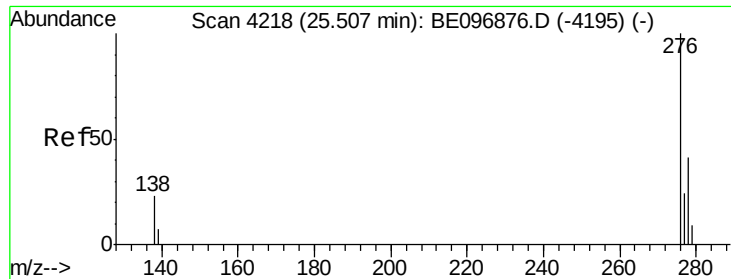
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#23
Benzo(a)pyrene
Concen: 6.848 ng/ul
RT: 23.12 min Scan# 3817
Delta R.T. 0.01 min
Lab File: BE096888.D
Acq: 9 Jul 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	506751		
253	23.4	28.5	42.7#	
125	9.5	18.1	27.1#	





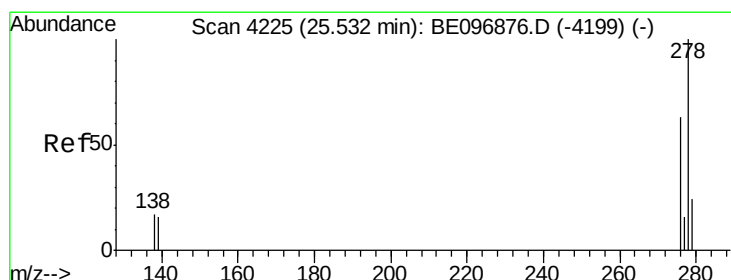
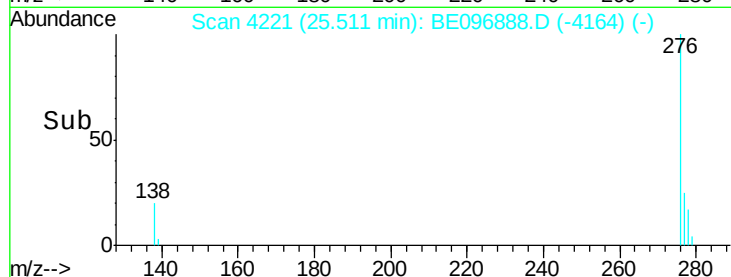
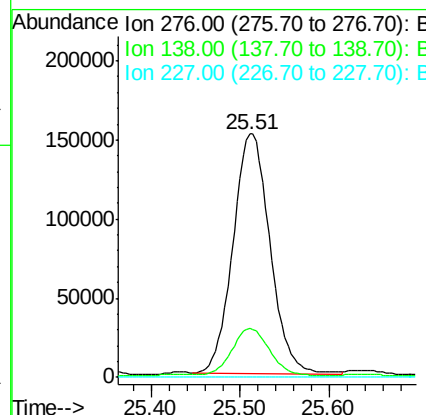
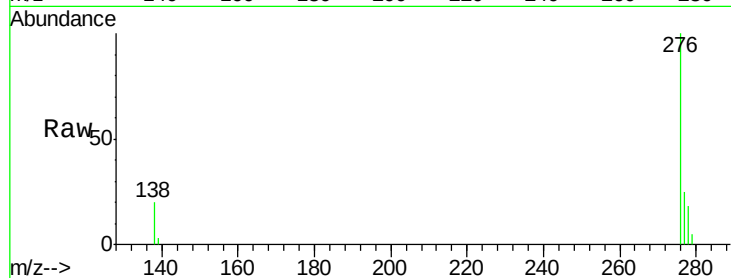
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.693 ng/ul
 RT: 25.51 min Scan# 4221
 Delta R.T. 0.00 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

Instrument :
 BNA_E
 ClientSampleId :
 F1H07DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	28.0	42.0#
227	0.0	8.0	12.0#

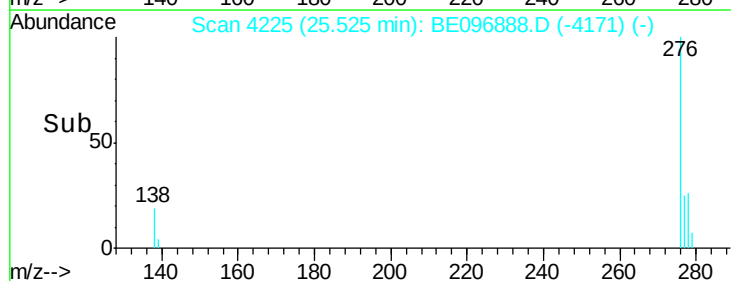
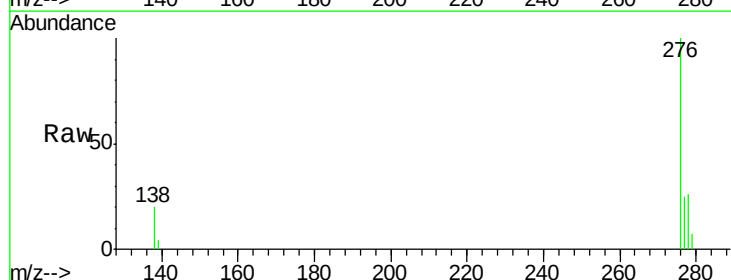
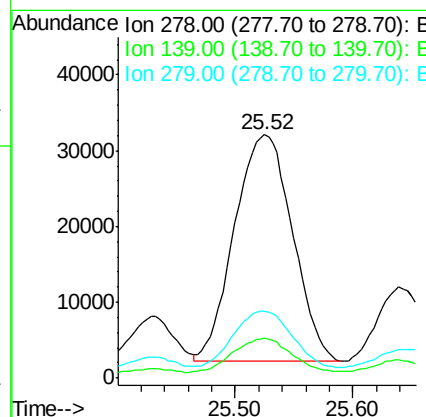
Manual Integrations
 APPROVED

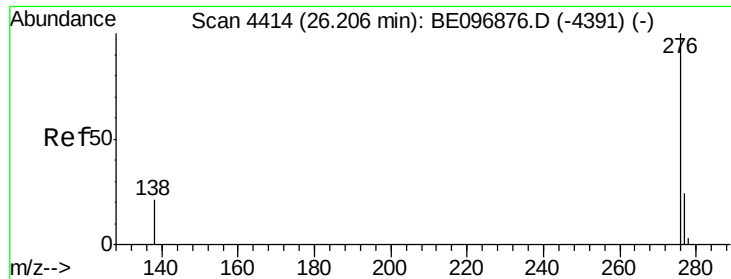
Sohil
 7/10/2018 2:56:43 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.671 ng/ul m
 RT: 25.52 min Scan# 4225
 Delta R.T. -0.01 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	17.4	26.0#
279	27.7	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 5.071 ng/ul
 RT: 26.21 min Scan# 4418
 Delta R.T. 0.01 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

Instrument :
 BNA_E
 ClientSampleId :
 F1H07DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	21.8	32.8#
277	24.1	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:56:43 PM

