

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
 Data File : BE098077.D
 Acq On : 26 Oct 2018 4:27
 Operator : SJ/JU
 Sample : J5598-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE5

Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:47:54 PM

Quant Time: Oct 26 08:16:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 26 07:43:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1348	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	6829	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4898	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	11489	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	16227	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	12908	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2230	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	6767	0.18	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	8323	0.509	ng/ul	98
5) 2-Methylnaphthalene	12.34	142	2207	0.179	ng/ul	99
7) Acenaphthylene	14.26	152	13400	0.693	ng/ul	98
8) Acenaphthene	14.60	153	2202	0.152	ng/ul	95
9) Fluorene	15.59	166	1999	0.115	ng/ul#	98
12) Phenanthrene	17.33	178	20315	0.766	ng/ul	99
13) Anthracene	17.42	178	30832	1.177	ng/ul	99
15) Fluoranthene	19.35	202	305574	9.039	ng/ul	98
17) Pyrene	19.72	202	315136	8.317	ng/ul	97
18) Benzo(a)anthracene	21.46	228	250274	5.246	ng/ul	98
19) Chrysene	21.52	228	265617	7.197	ng/ul	98
21) Benzo(b)fluoranthene	23.25	252	390943m	10.931	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	141168m	4.033	ng/ul	
23) Benzo(a)pyrene	23.91	252	192334	5.592	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.72	276	130529	3.312	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.73	278	34473	1.049	ng/ul	97
26) Benzo(g,h,i)perylene	27.56	276	91035	2.744	ng/ul	95

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

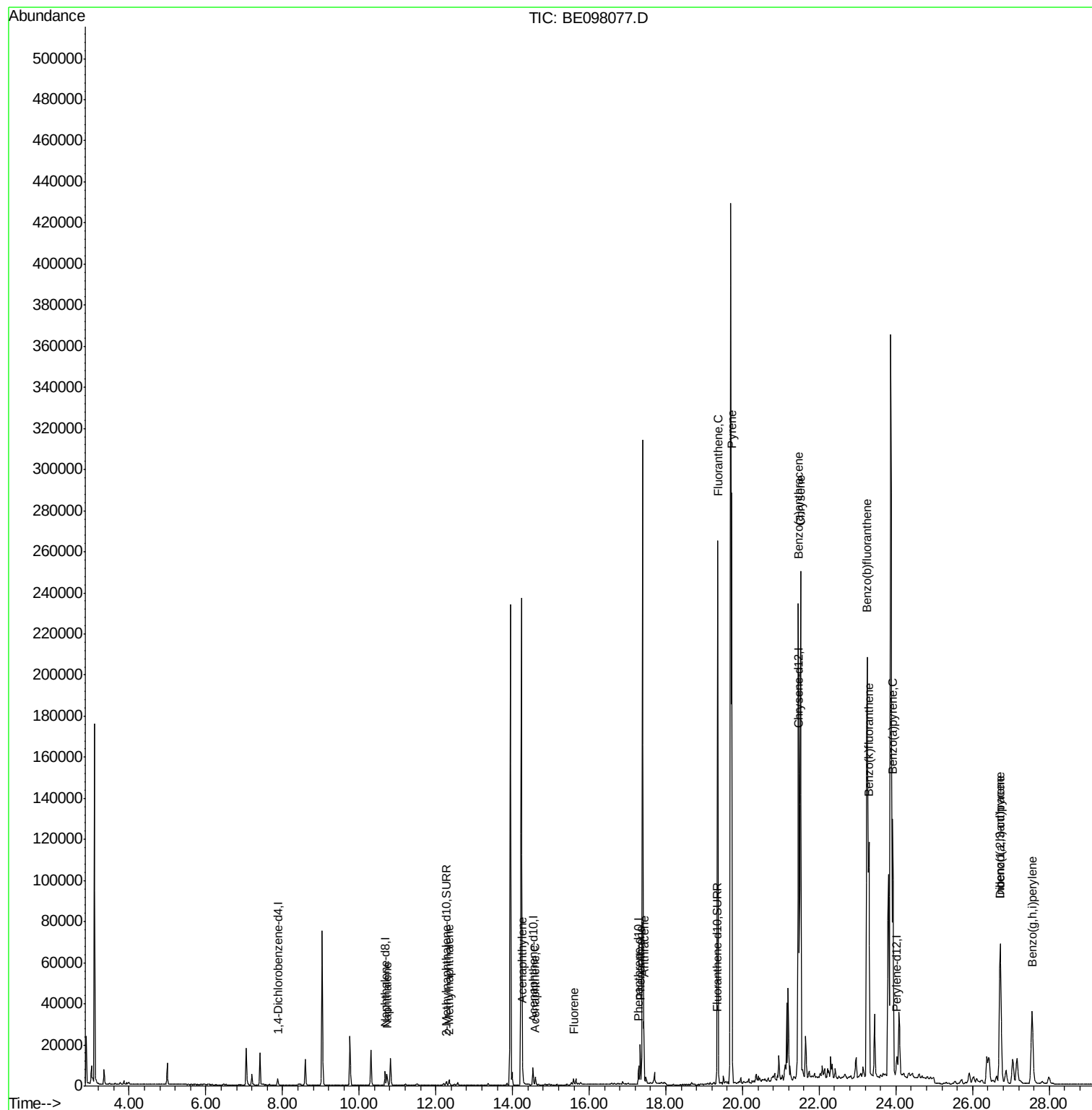
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
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ALS Vial : 28 Sample Multiplier: 1

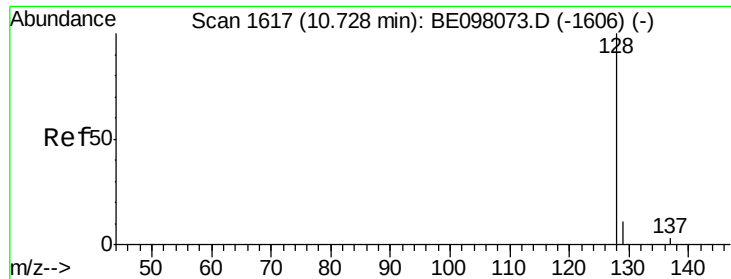
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
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#3

Naphthalene

Concen: 0.509 ng/ul

RT: 10.73 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Instrument :

BNA_E

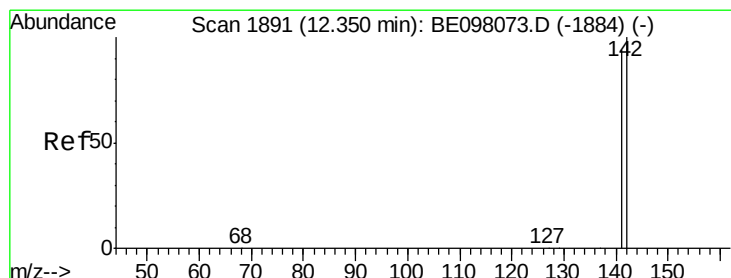
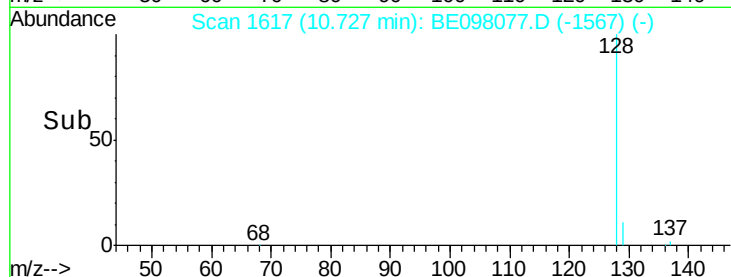
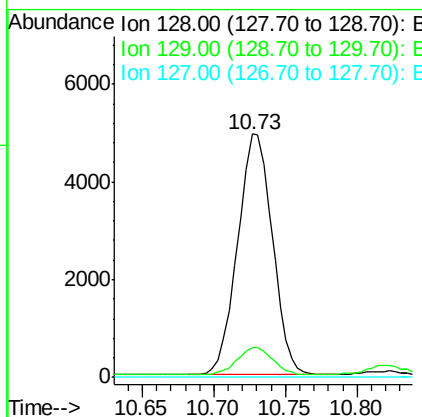
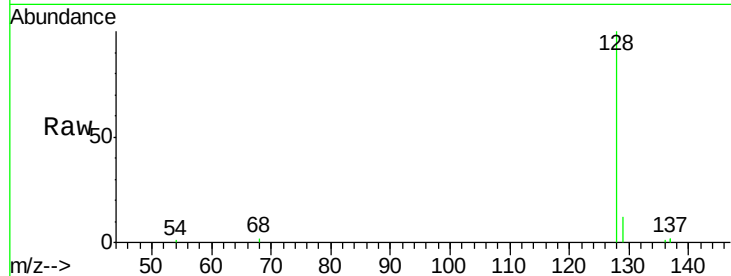
ClientSampleId :

C0AE5

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.5	15.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.179 ng/ul

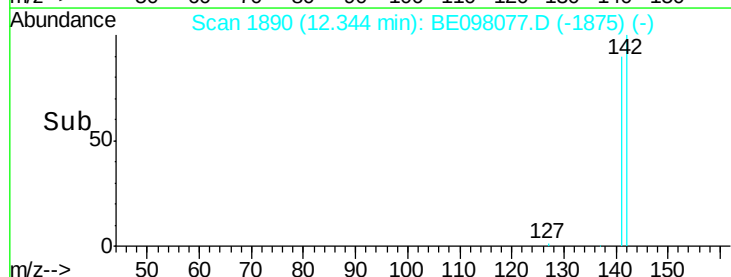
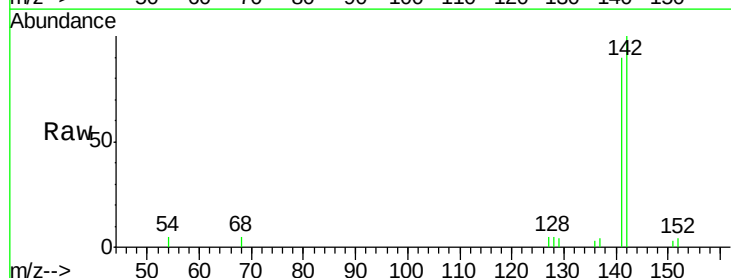
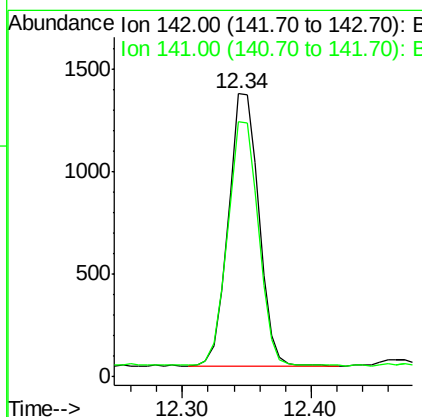
RT: 12.34 min Scan# 1890

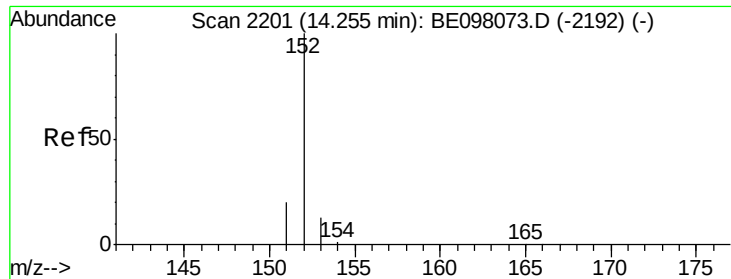
Delta R.T. -0.01 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.5	108.7





#7

Acenaphthylene

Concen: 0.693 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Instrument :

BNA_E

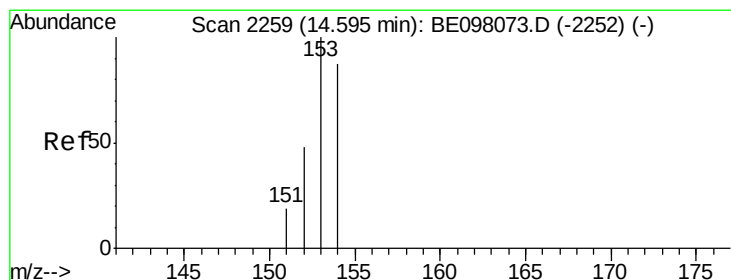
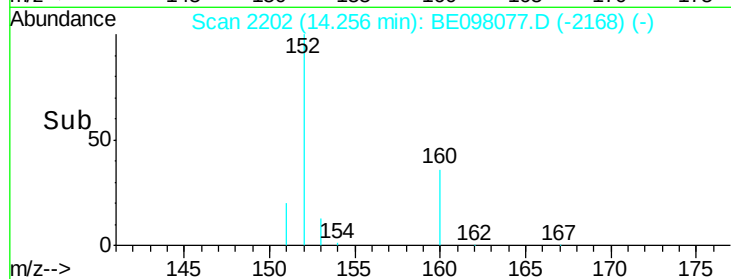
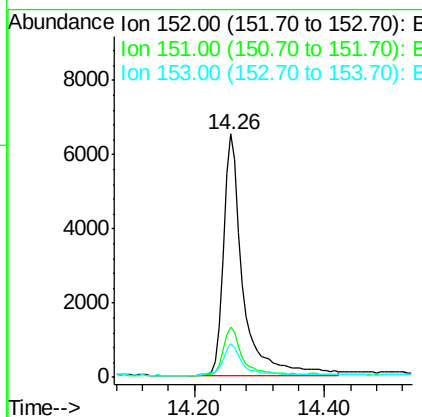
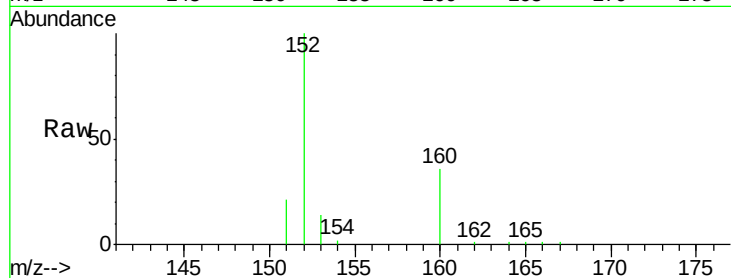
ClientSampleId :

C0AE5

Tgt Ion:	152	Resp:	13400
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.3	25.9
153	13.6	11.9	17.9

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#8

Acenaphthene

Concen: 0.152 ng/ul

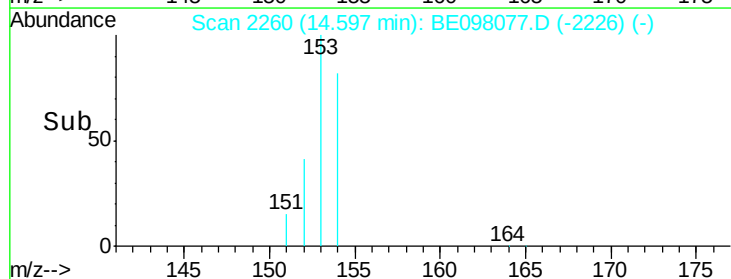
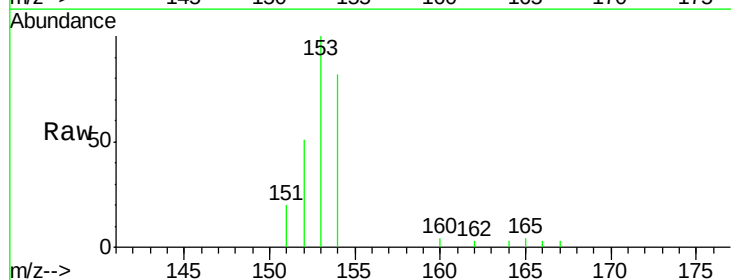
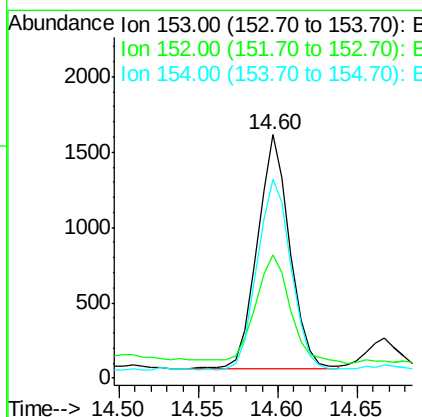
RT: 14.60 min Scan# 2260

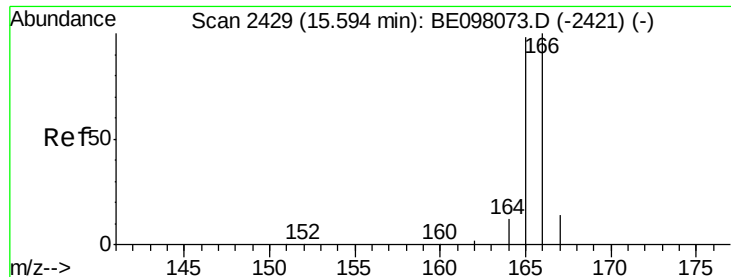
Delta R.T. 0.00 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Tgt Ion:	153	Resp:	2202
Ion Ratio	Lower	Upper	
153	100		
152	50.7	39.4	59.0
154	81.7	70.5	105.7





#9

Fluorene

Concen: 0.115 ng/ul

RT: 15.59 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Instrument :

BNA_E

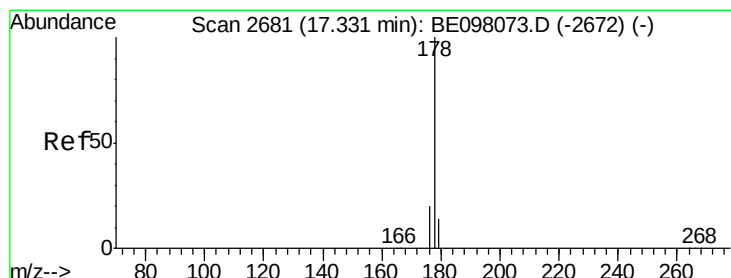
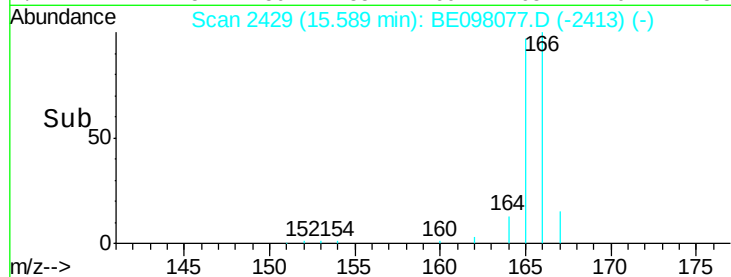
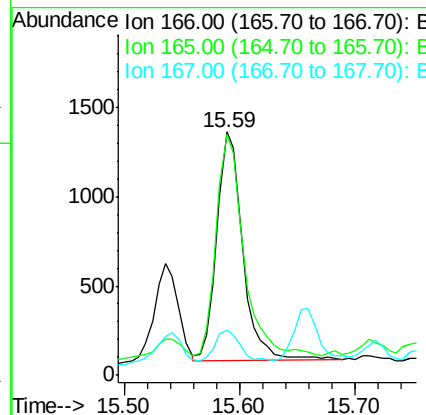
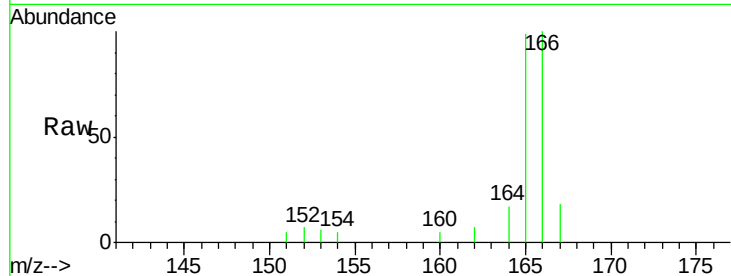
ClientSampleId :

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Tgt Ion:	166	Resp:	1999
Ion Ratio	Lower	Upper	
166	100		
165	99.1	80.2	120.4
167	18.3	12.0	18.0#

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#12

Phenanthrene

Concen: 0.766 ng/ul

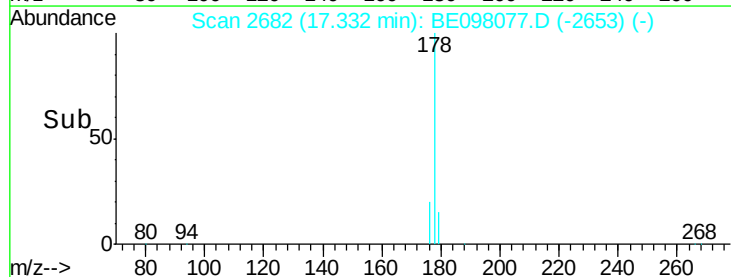
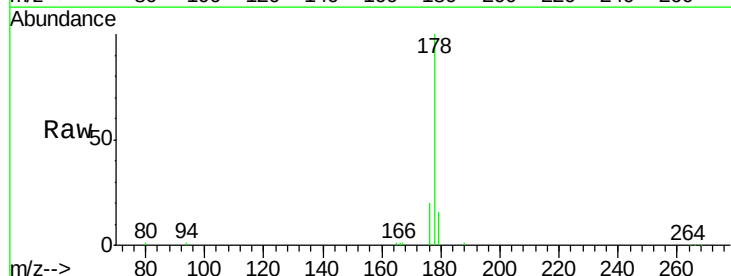
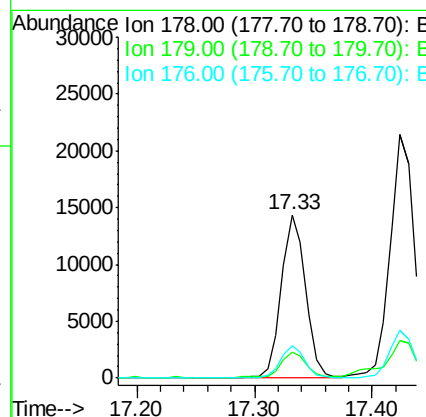
RT: 17.33 min Scan# 2682

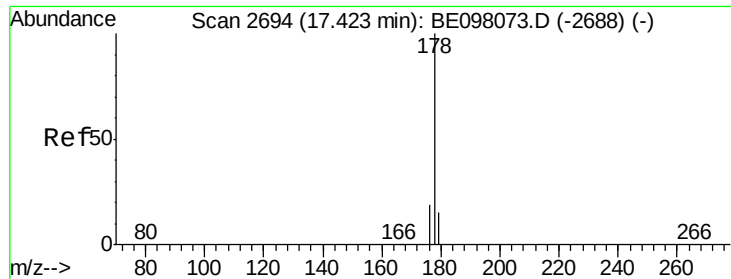
Delta R.T. 0.00 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Tgt Ion:	178	Resp:	20315
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.0	19.4
176	20.0	15.7	23.5





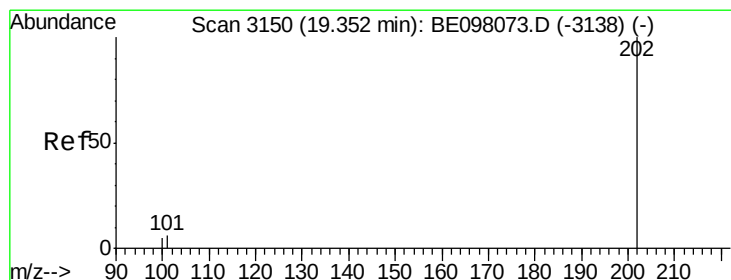
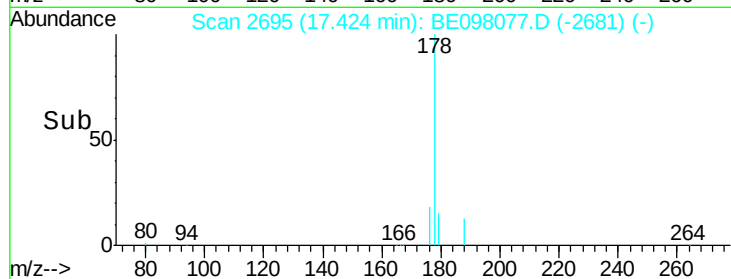
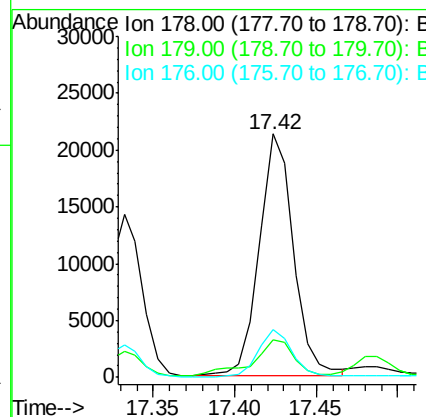
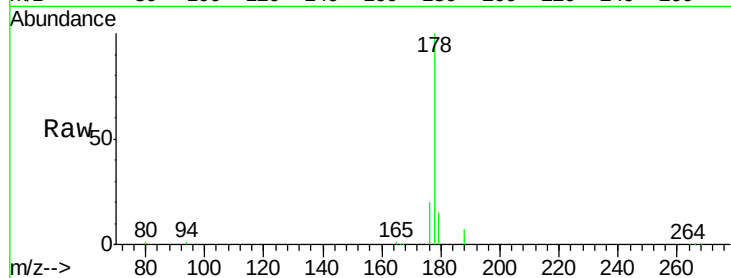
#13
 Anthracene
 Concen: 1.177 ng/ul
 RT: 17.42 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: BE098077.D
 Acq: 26 Oct 2018 4:27

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.6	15.6	23.4

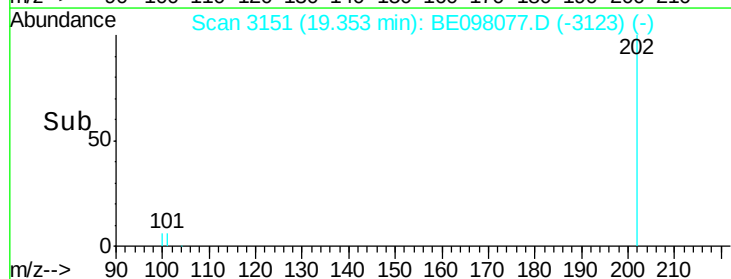
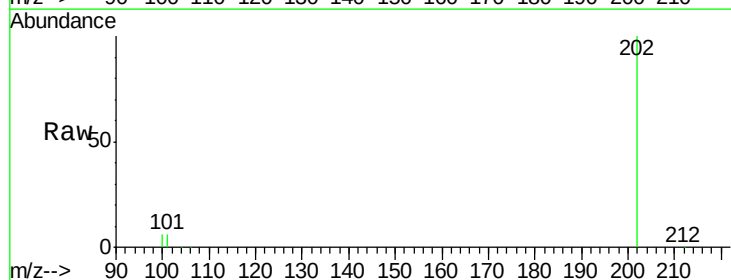
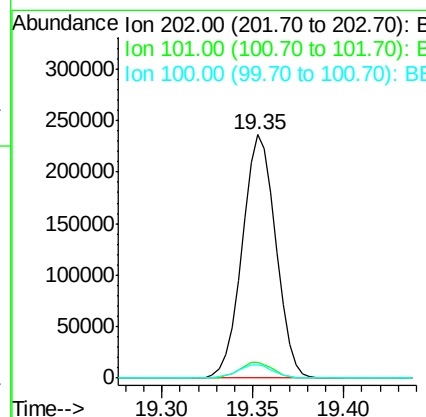
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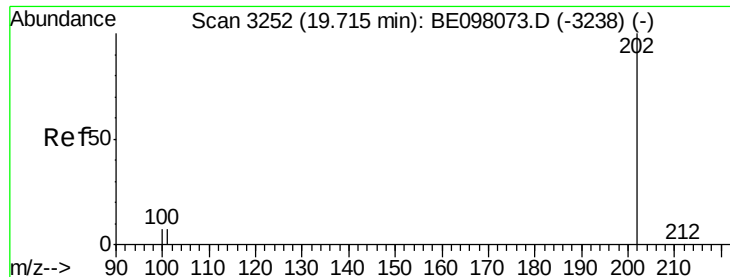
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#15
 Fluoranthene
 Concen: 9.039 ng/ul
 RT: 19.35 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BE098077.D
 Acq: 26 Oct 2018 4:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	27.5
100	5.7	0.0	26.0





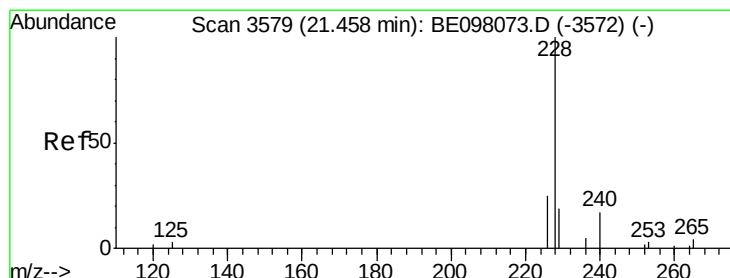
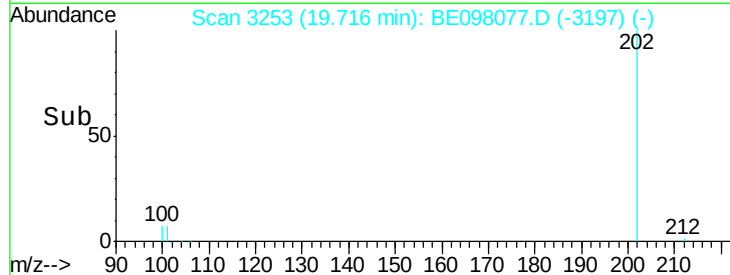
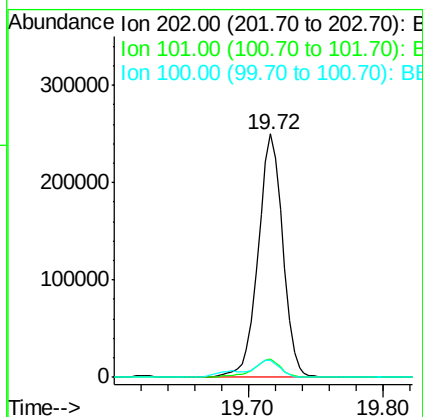
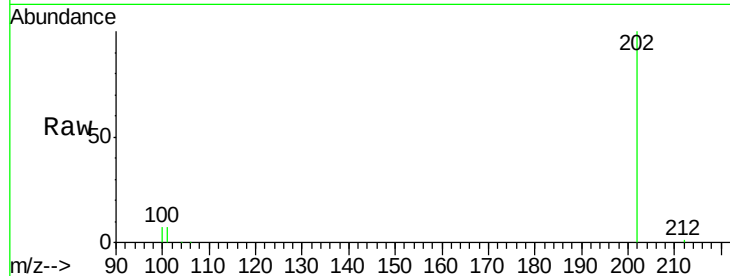
#17
Pyrene
 Concen: 8.317 ng/ul
 RT: 19.72 min Scan# 3253
 Delta R.T. 0.00 min
 Lab File: BE098077.D
 Acq: 26 Oct 2018 4:27

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:	202	Resp:	315136
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.9	10.3
100	6.8	6.0	9.0

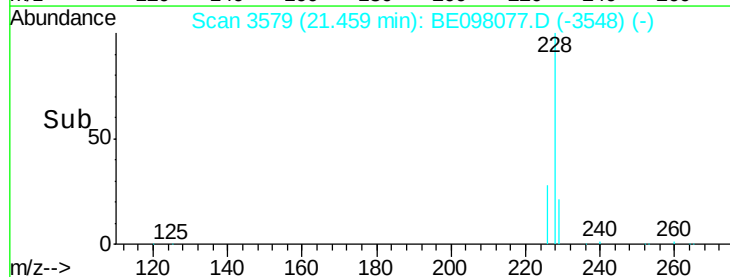
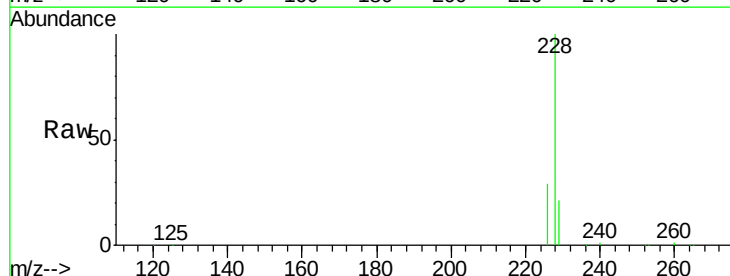
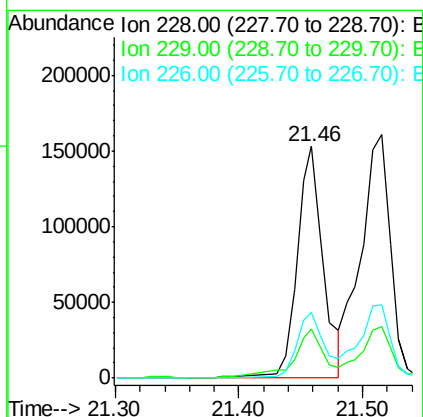
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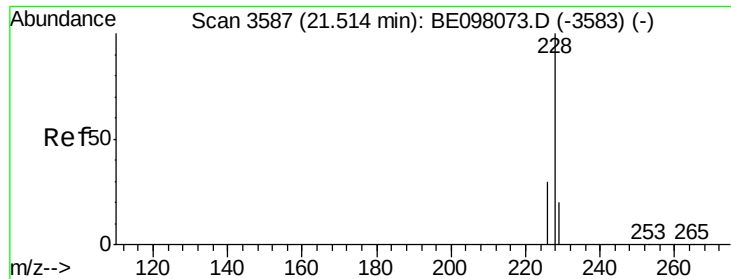
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#18
Benzo(a)anthracene
 Concen: 5.246 ng/ul
 RT: 21.46 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: BE098077.D
 Acq: 26 Oct 2018 4:27

Tgt Ion:	228	Resp:	250274
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.1	24.1
226	28.6	22.2	33.4





#19

Chrysene

Concen: 7.197 ng/ul

RT: 21.52 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Instrument :

BNA_E

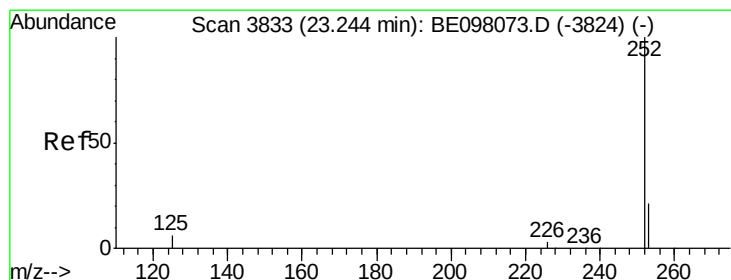
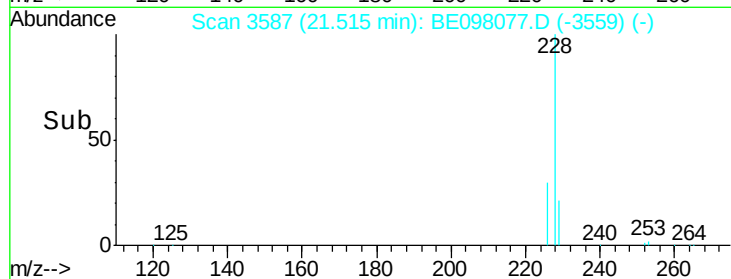
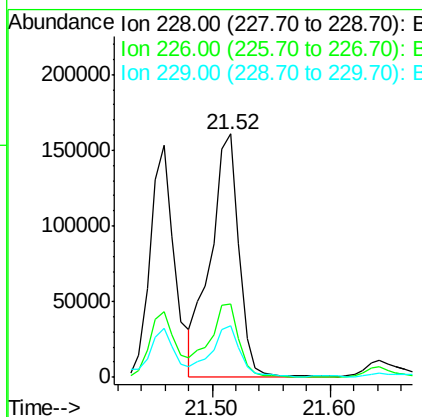
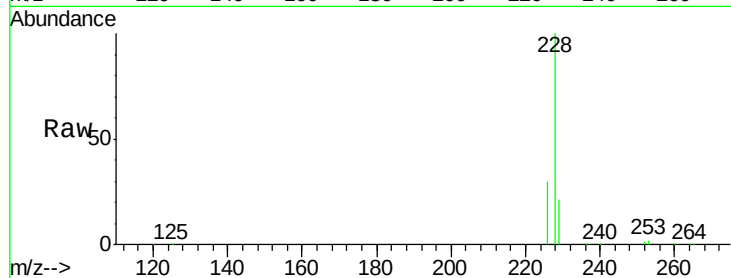
ClientSampleId :

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Tgt Ion:	228	Resp:	265617
Ion Ratio		Lower	Upper
228	100		
226	30.1	24.6	37.0
229	21.4	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 10.931 ng/ul m

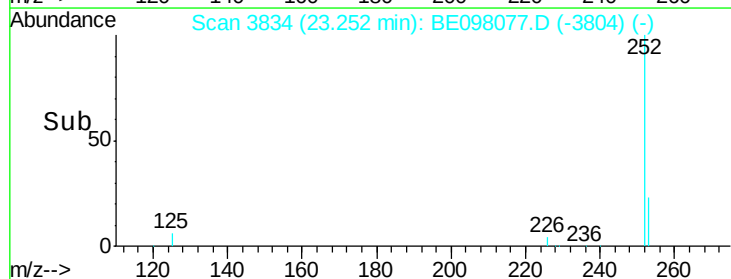
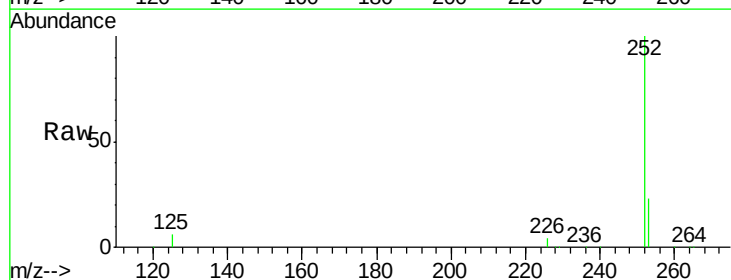
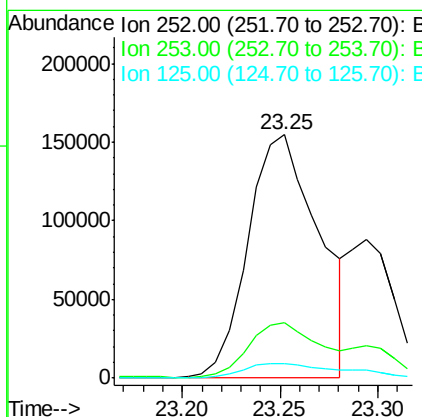
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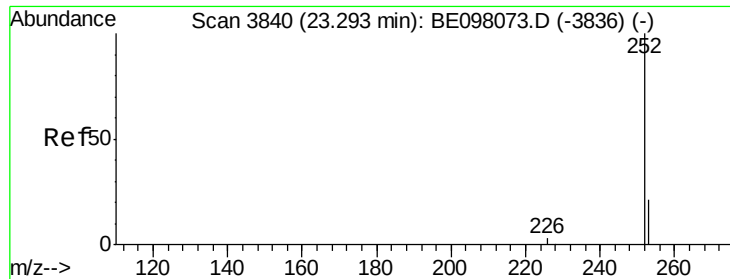
Delta R.T. 0.01 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Tgt Ion:	252	Resp:	390943
Ion Ratio		Lower	Upper
252	100		
253	22.9	0.0	47.8
125	5.8	0.0	16.8





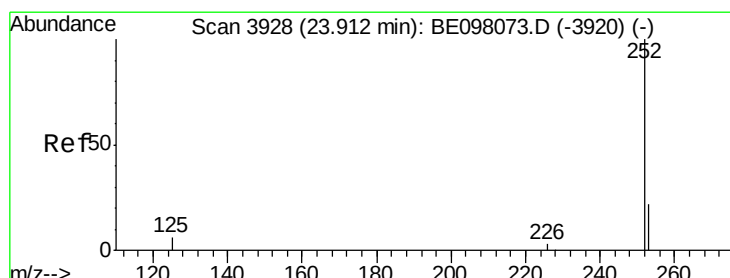
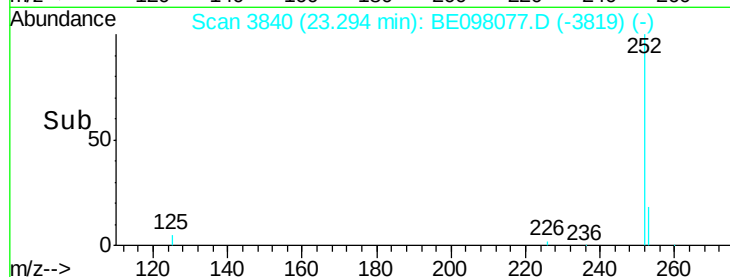
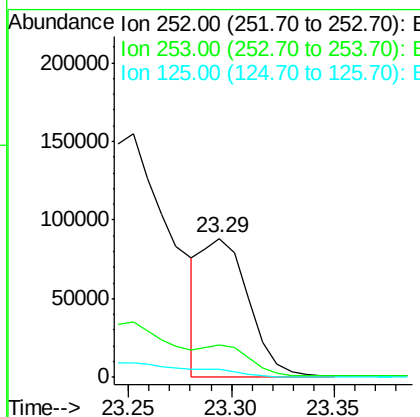
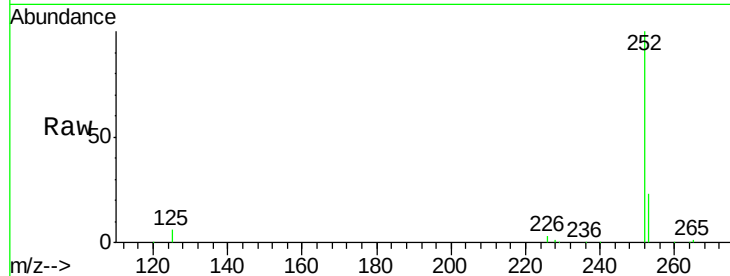
#22
Benzo(k)fluoranthene
Concen: 4.033 ng/ul m
RT: 23.29 min Scan# 3840
Delta R.T. 0.00 min
Lab File: BE098077.D
Acq: 26 Oct 2018 4:27

Instrument :
BNA_E
ClientSampleId :
C0AE5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	5.6	6.2	9.2

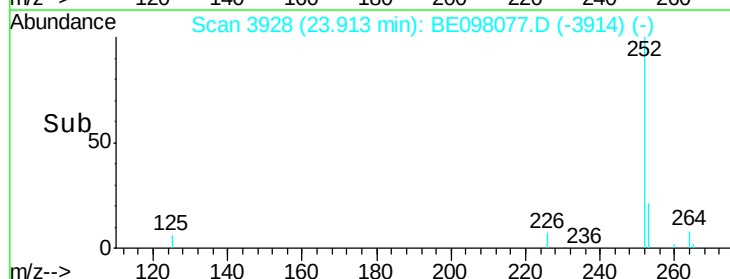
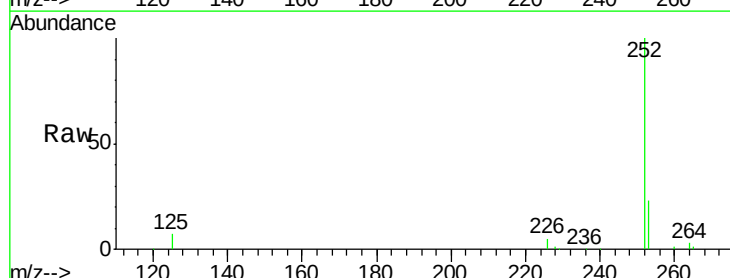
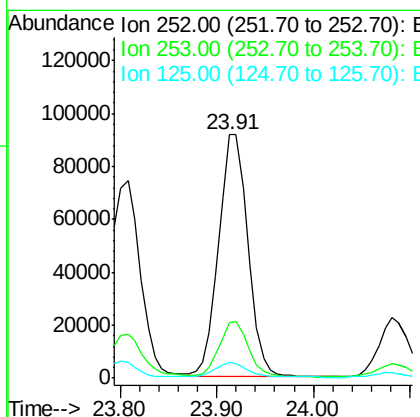
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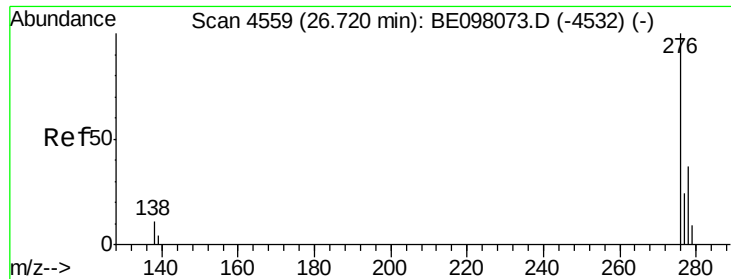
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#23
Benzo(a)pyrene
Concen: 5.592 ng/ul
RT: 23.91 min Scan# 3928
Delta R.T. 0.00 min
Lab File: BE098077.D
Acq: 26 Oct 2018 4:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.2
125	6.6	7.8	11.8





#24

Indeno(1,2,3-cd)pyrene

Concen: 3.312 ng/ul

RT: 26.72 min Scan# 4559

Delta R.T. -0.00 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Instrument :

BNA_E

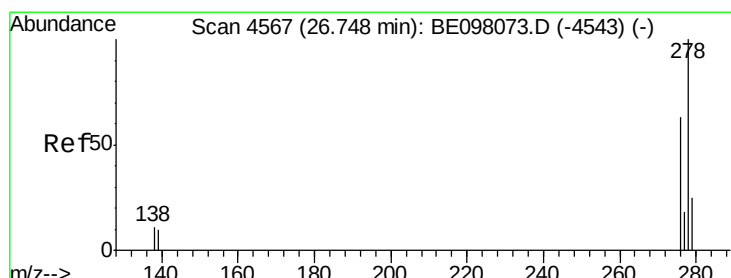
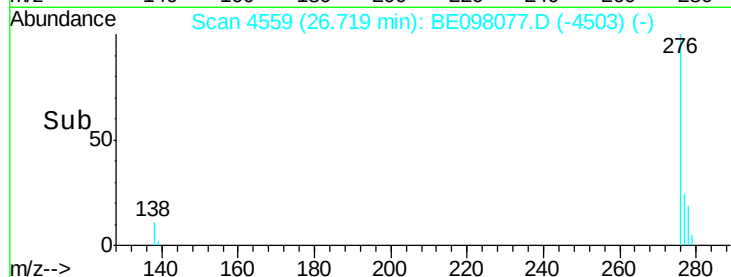
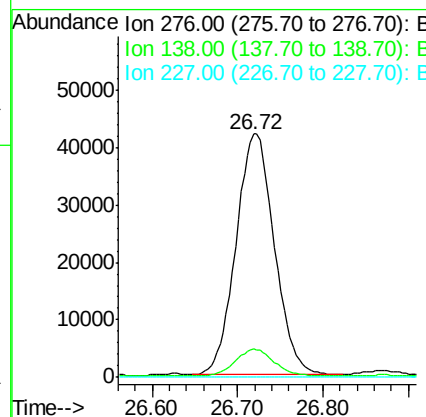
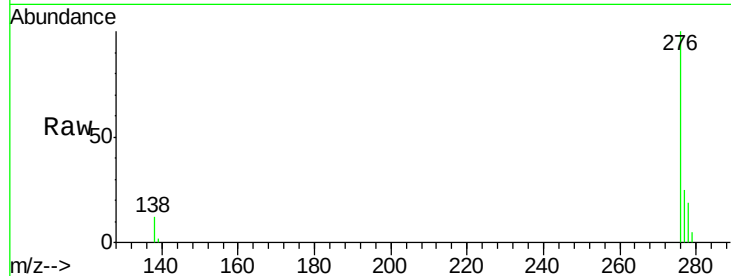
ClientSampleId :

C0AE5

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	130529		
138	11.4		11.8	17.8#
227	0.0		0.0	0.0

Manual Integrations
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Sohil
10/26/2018 3:47:54 PM



#25

Dibenzo(a,h)anthracene

Concen: 1.049 ng/ul

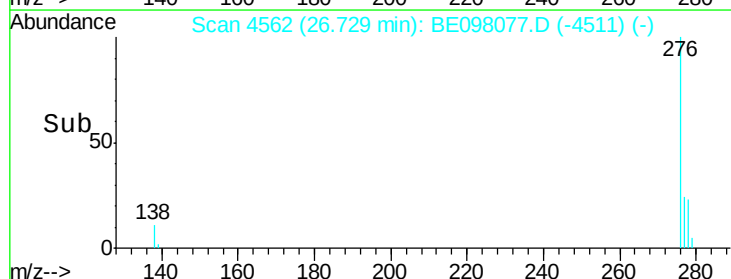
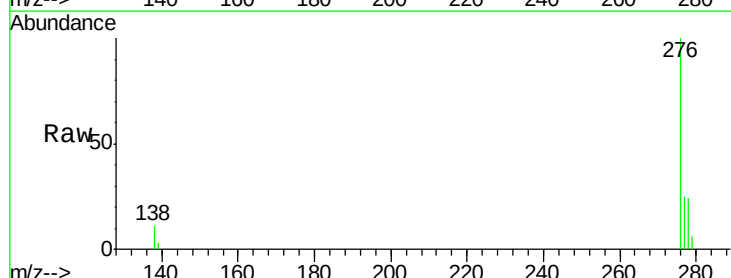
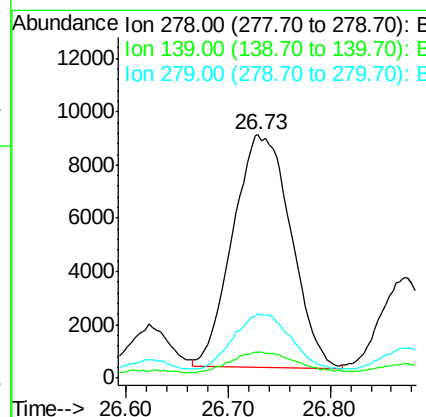
RT: 26.73 min Scan# 4562

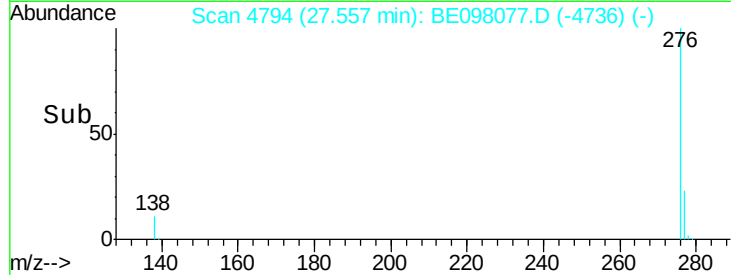
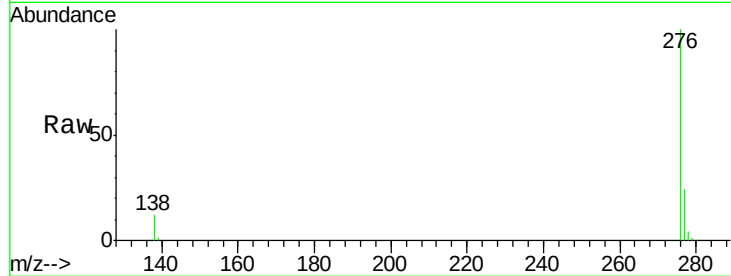
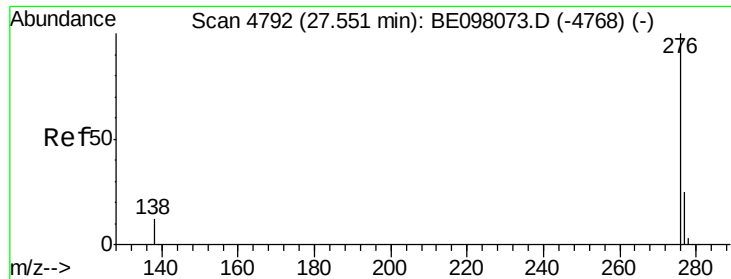
Delta R.T. -0.02 min

Lab File: BE098077.D

Acq: 26 Oct 2018 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	34473		
139	10.8		10.0	15.0
279	26.5		20.3	30.5





#26
 Benzo(g,h,i)perylene
 Concen: 2.744 ng/ul
 RT: 27.56 min Scan# 4794
 Delta R.T. 0.01 min
 Lab File: BE098077.D
 Acq: 26 Oct 2018 4:27

Tgt Ion:	276	Resp:	91035
Ion Ratio	Lower	Upper	
276	100		
138	11.9	11.6	17.4
277	23.8	20.8	31.2

Instrument :
 BNA_E
 ClientSampleId :
 C0AE5

Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:47:54 PM

