

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
 Data File : BE098097.D
 Acq On : 26 Oct 2018 20:21
 Operator : SJ/JU
 Sample : J5598-14DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE2DL

Manual Integrations
 APPROVED

Sohil
 10/29/2018 3:09:28 PM

Quant Time: Oct 27 00:46:33 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 : Sat Oct 27 00:33:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	992	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	4951	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3518	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8398	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	12525	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	10021	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	350	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1121	0.04	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.72	128	2841	0.240	ng/ul	100
5) 2-Methylnaphthalene	12.34	142	966	0.108	ng/ul	97
7) Acenaphthylene	14.25	152	8075	0.582	ng/ul	98
8) Acenaphthene	14.60	153	568	0.055	ng/ul#	89
9) Fluorene	15.59	166	471	0.038	ng/ul#	88
12) Phenanthrene	17.33	178	11855	0.612	ng/ul	99
13) Anthracene	17.42	178	11148	0.582	ng/ul	99
15) Fluoranthene	19.35	202	194090	7.854	ng/ul	99
17) Pyrene	19.71	202	275244	9.412	ng/ul	98
18) Benzo(a)anthracene	21.45	228	182013	4.942	ng/ul	98
19) Chrysene	21.51	228	200056	7.023	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	393808m	14.184	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	105425m	3.879	ng/ul	
23) Benzo(a)pyrene	23.91	252	137801	5.160	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.71	276	108021	3.530	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.73	278	27234	1.068	ng/ul	98
26) Benzo(g,h,i)perylene	27.54	276	81325	3.157	ng/ul	95

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

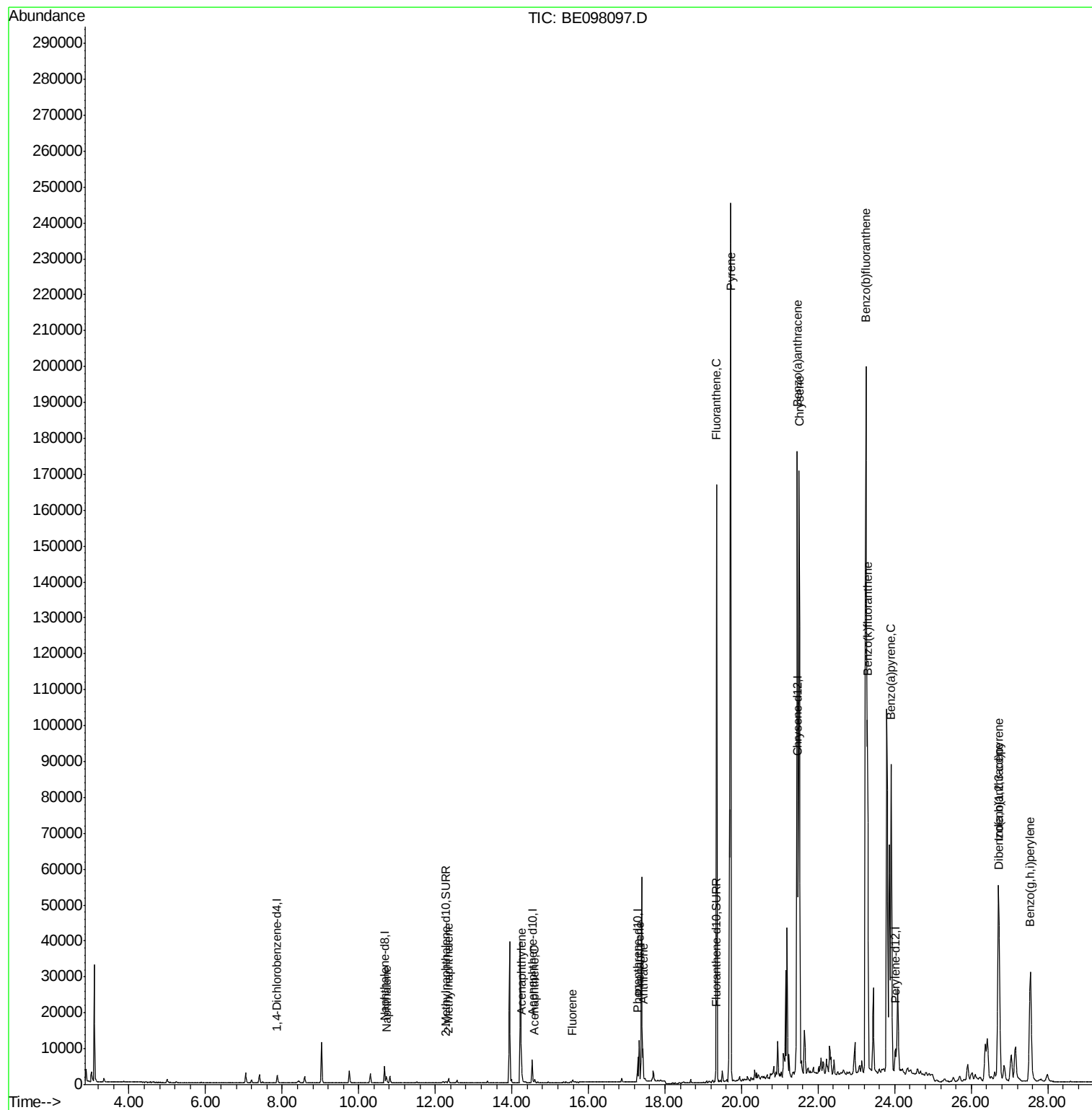
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098097.D
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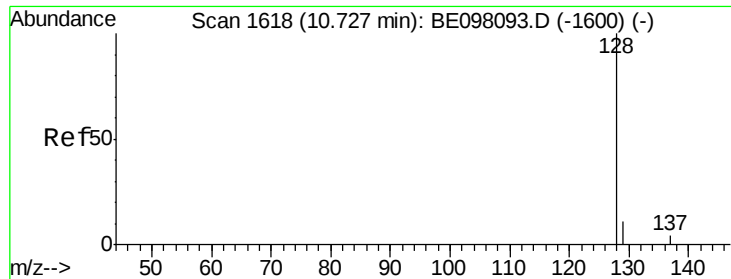
Instrument :
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#3

Naphthalene

Concen: 0.240 ng/ul

RT: 10.72 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Instrument :

BNA_E

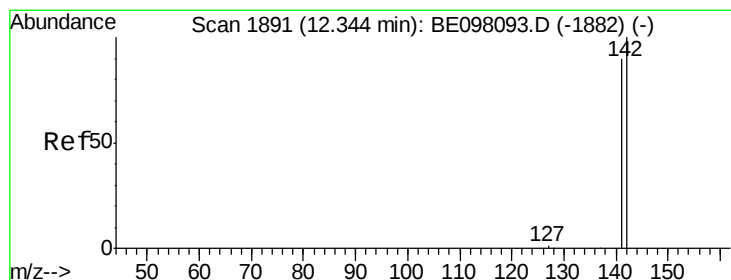
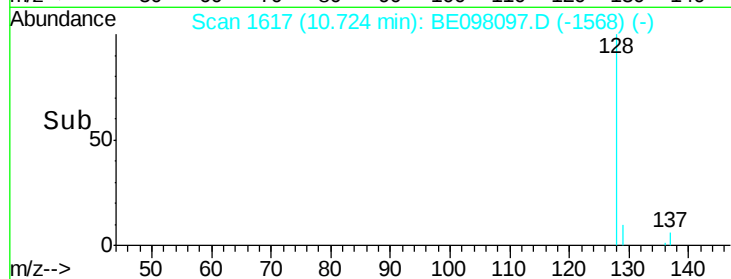
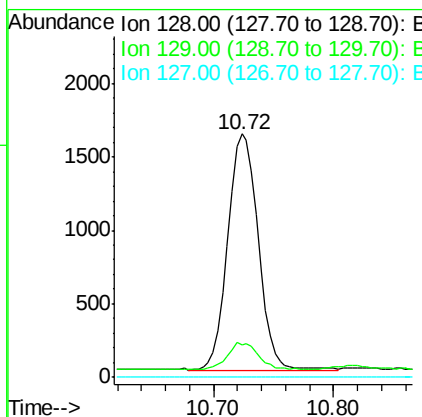
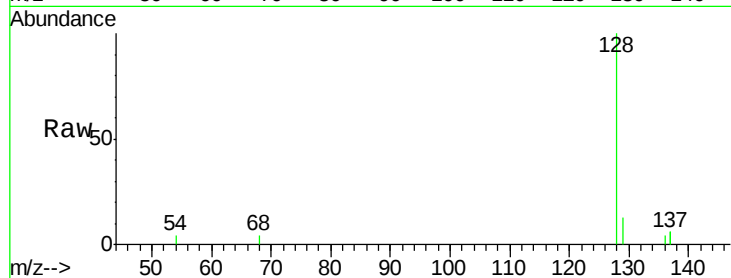
ClientSampleId :

C0AE2DL

Tgt Ion:	128	Resp:	2841
Ion Ratio	Lower	Upper	
128	100		
129	13.2	10.5	15.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.108 ng/ul

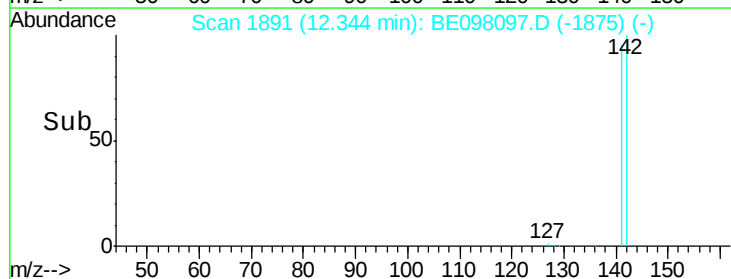
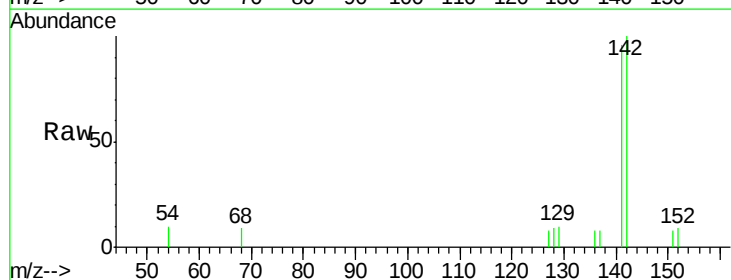
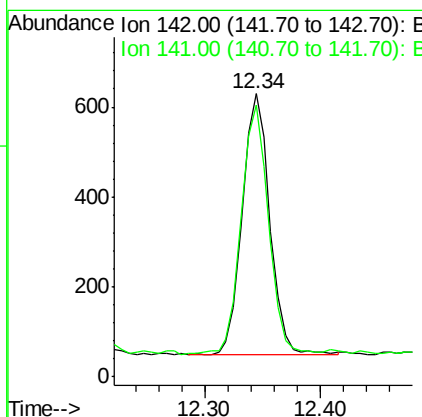
RT: 12.34 min Scan# 1891

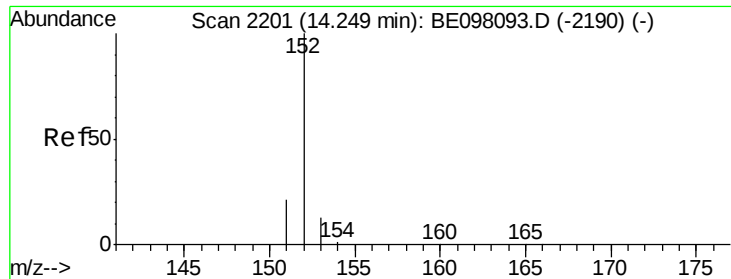
Delta R.T. 0.00 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Tgt Ion:	142	Resp:	966
Ion Ratio	Lower	Upper	
142	100		
141	93.8	72.5	108.7





#7

Acenaphthylene

Concen: 0.582 ng/ul

RT: 14.25 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Instrument :

BNA_E

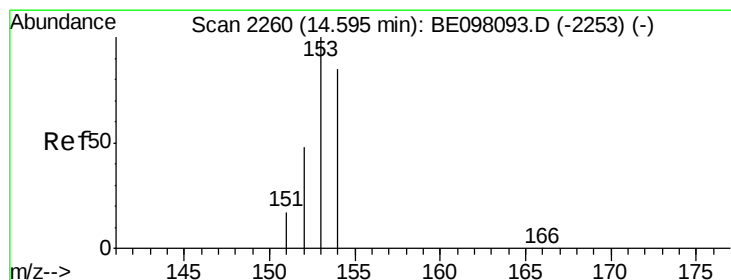
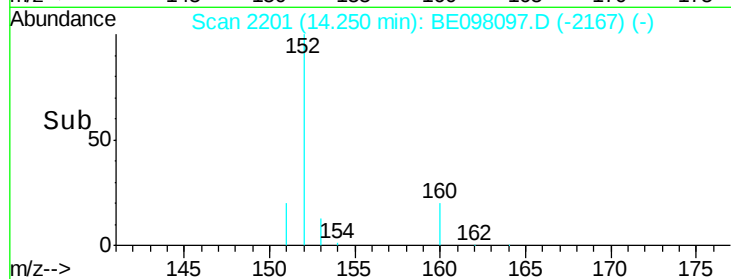
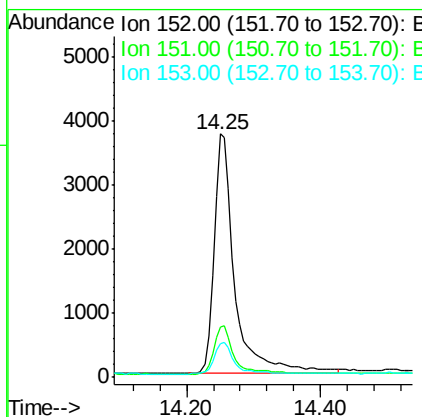
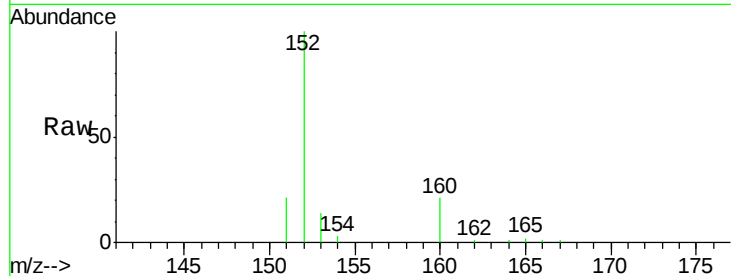
ClientSampleId :

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Tgt Ion:	152	Resp:	8075
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.3	25.9
153	14.1	11.9	17.9

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#8

Acenaphthene

Concen: 0.055 ng/ul

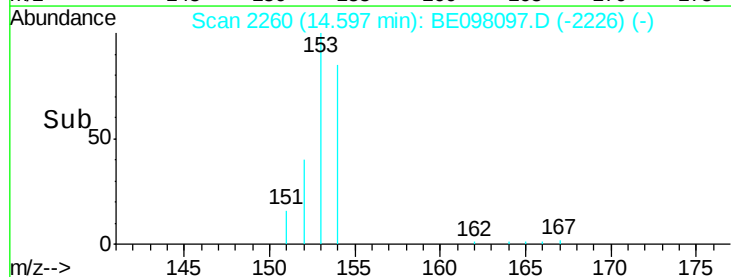
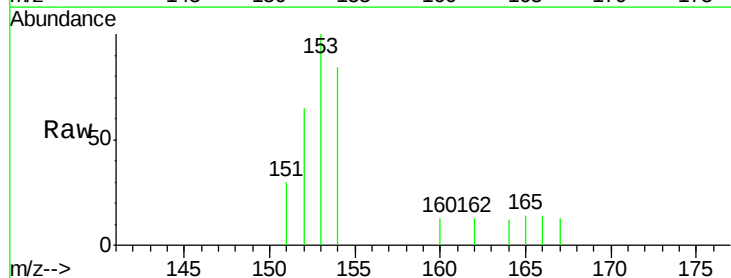
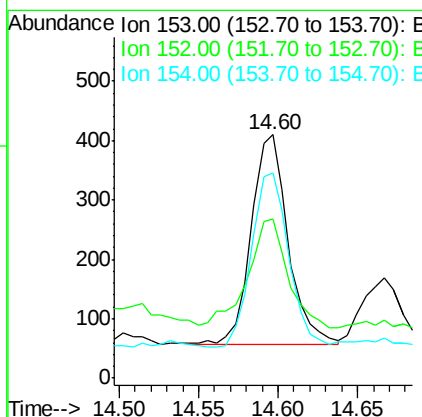
RT: 14.60 min Scan# 2260

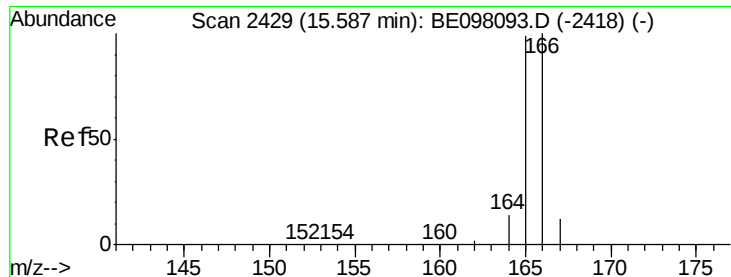
Delta R.T. 0.00 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Tgt Ion:	153	Resp:	568
Ion Ratio	Lower	Upper	
153	100		
152	65.4	39.4	59.0#
154	84.1	70.5	105.7





#9

Fluorene

Concen: 0.038 ng/ul

RT: 15.59 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Instrument :

BNA_E

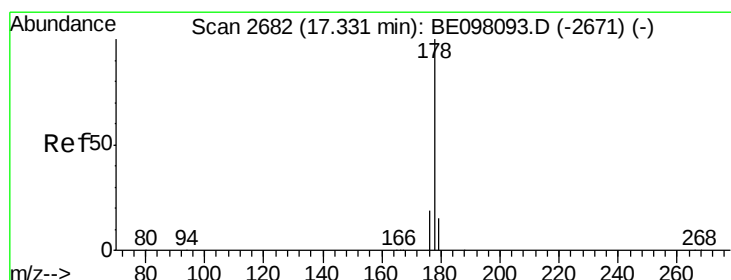
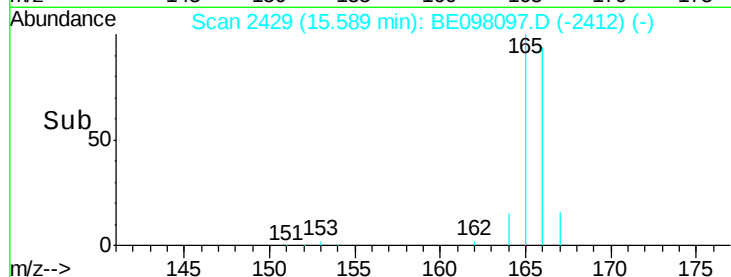
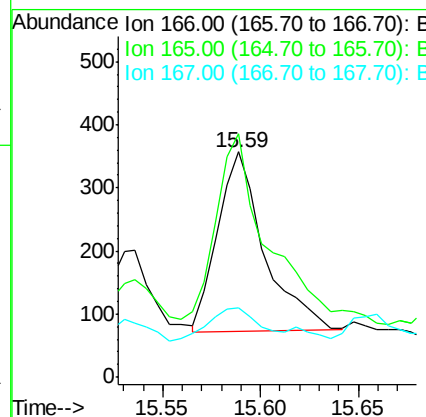
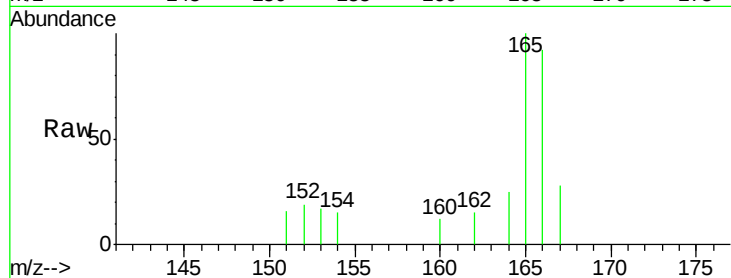
ClientSampleId :

C0AE2DL

Tgt Ion:	166	Resp:	471
Ion Ratio	Lower	Upper	
166	100		
165	108.1	80.2	120.4
167	30.5	12.0	18.0#

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#12

Phenanthrene

Concen: 0.612 ng/ul

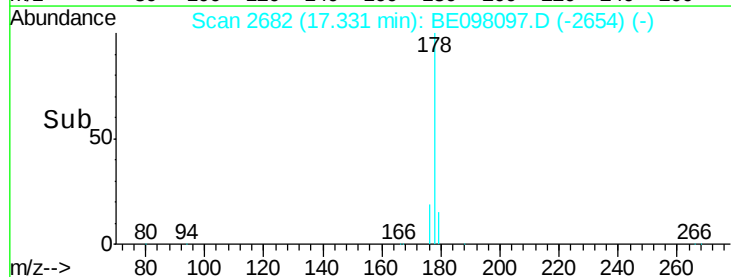
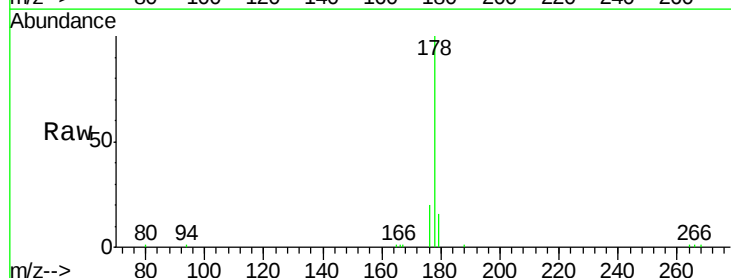
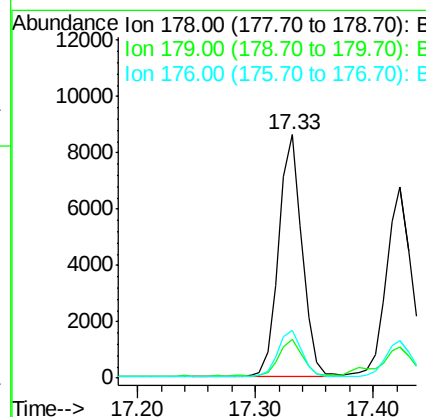
RT: 17.33 min Scan# 2682

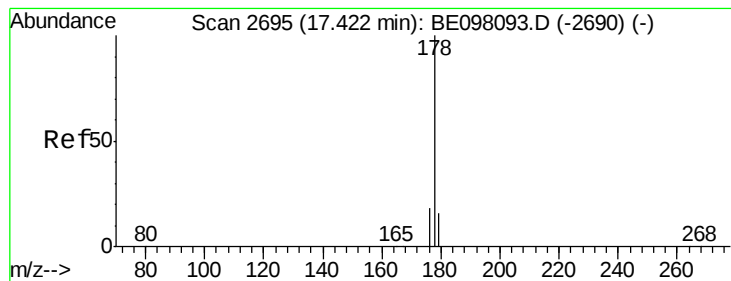
Delta R.T. 0.00 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Tgt Ion:	178	Resp:	11855
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.0	19.4
176	19.6	15.7	23.5





#13

Anthracene

Concen: 0.582 ng/ul

RT: 17.42 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Instrument :

BNA_E

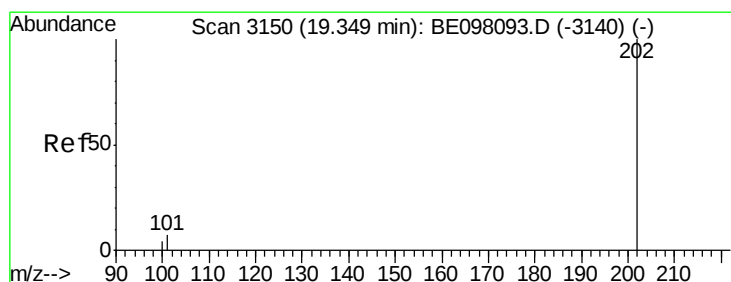
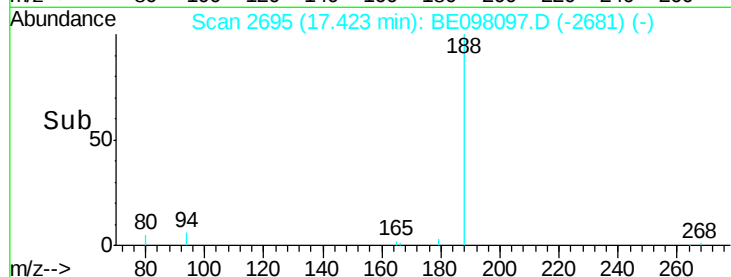
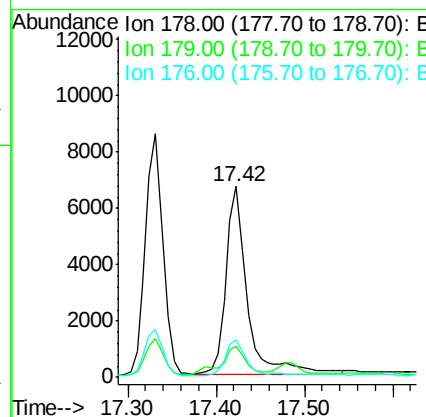
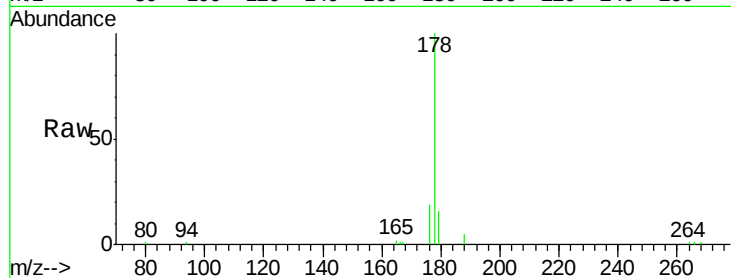
ClientSampleId :

C0AE2DL

Tgt Ion:	178	Resp:	11148
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.6	19.0
176	19.4	15.6	23.4

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#15

Fluoranthene

Concen: 7.854 ng/ul

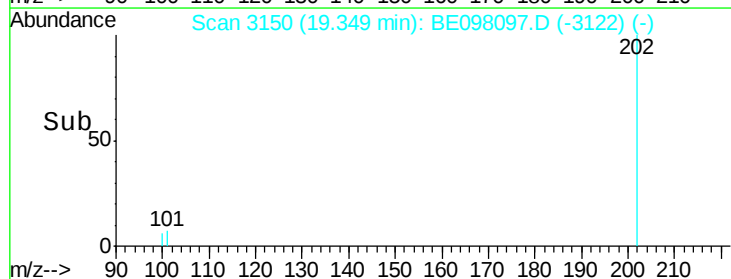
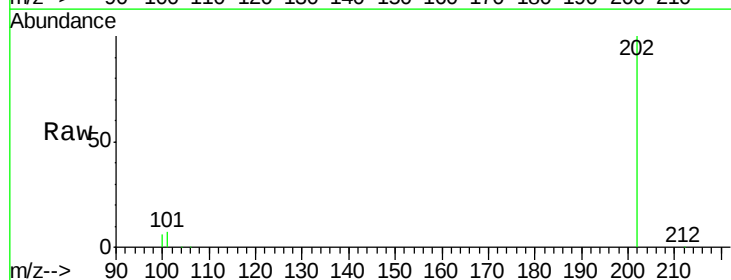
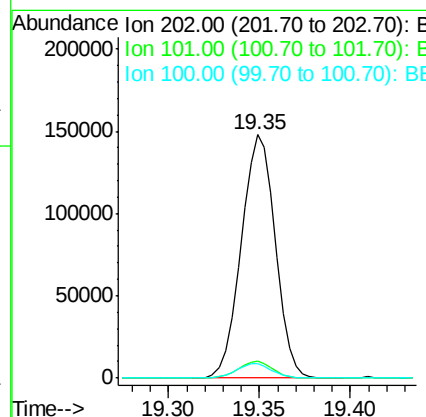
RT: 19.35 min Scan# 3150

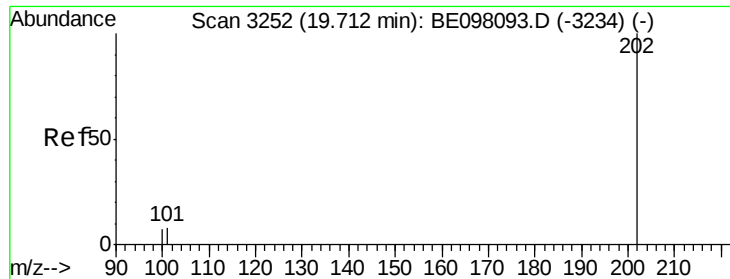
Delta R.T. 0.00 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Tgt Ion:	202	Resp:	194090
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	27.5
100	5.9	0.0	26.0





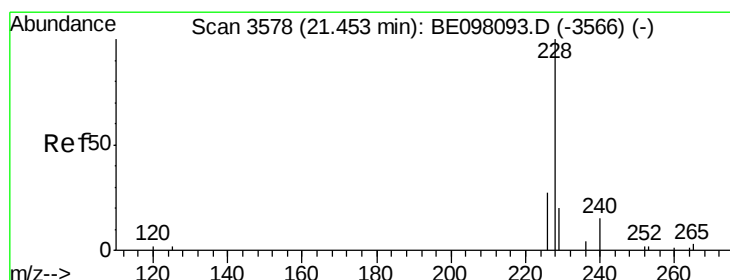
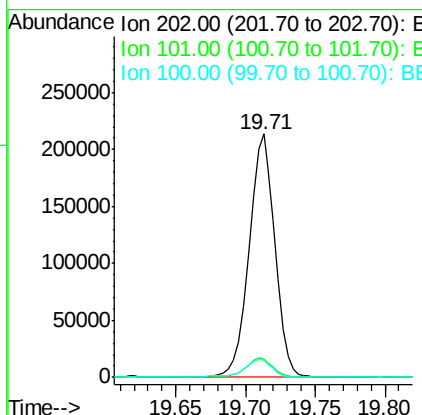
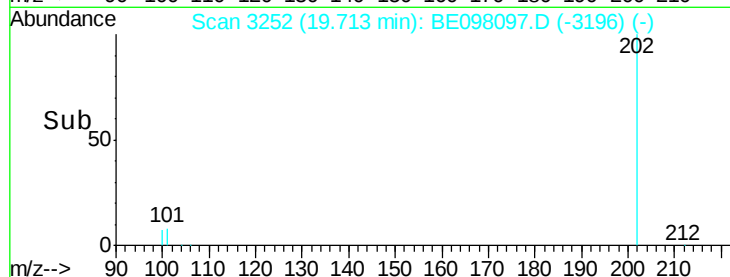
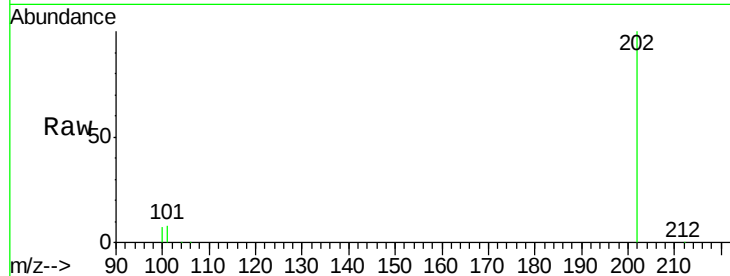
#17
Pyrene
 Concen: 9.412 ng/ul
 RT: 19.71 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BE098097.D
 Acq: 26 Oct 2018 20:21

Instrument :
 BNA_E
 ClientSampleId :
 C0AE2DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.6	6.9	10.3
100	7.0	6.0	9.0

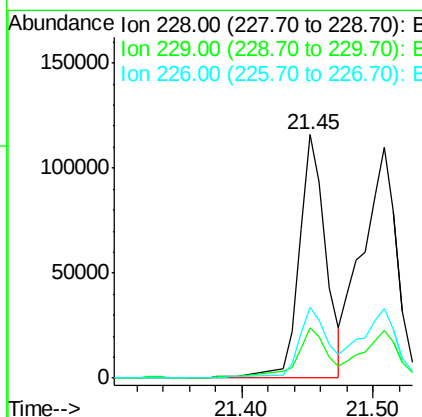
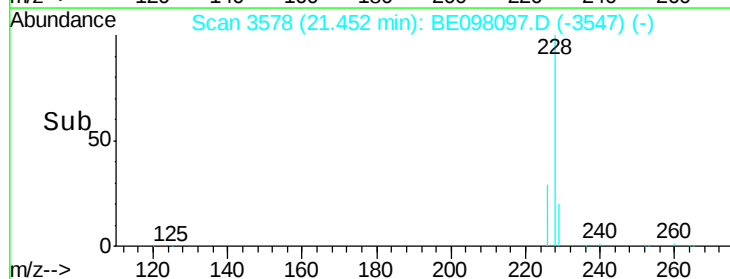
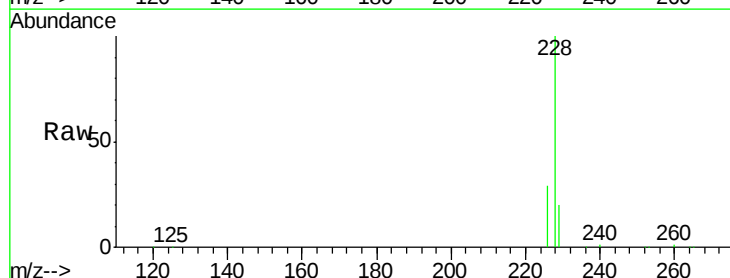
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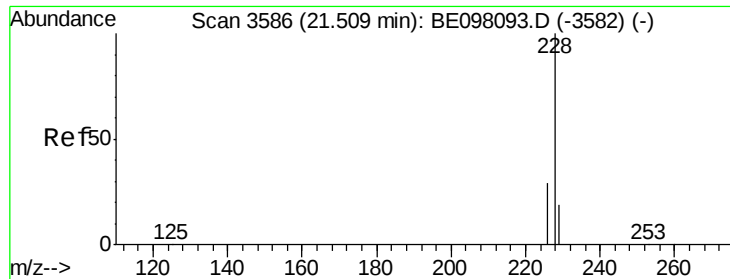
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#18
Benzo(a)anthracene
 Concen: 4.942 ng/ul
 RT: 21.45 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: BE098097.D
 Acq: 26 Oct 2018 20:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	16.1	24.1
226	28.9	22.2	33.4





#19

Chrysene

Concen: 7.023 ng/ul

RT: 21.51 min Scan# 3586

Delta R.T. -0.00 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Instrument :

BNA_E

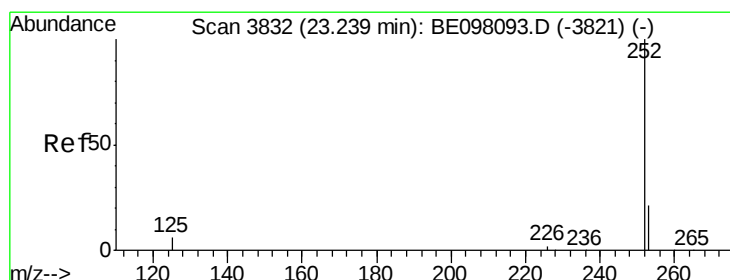
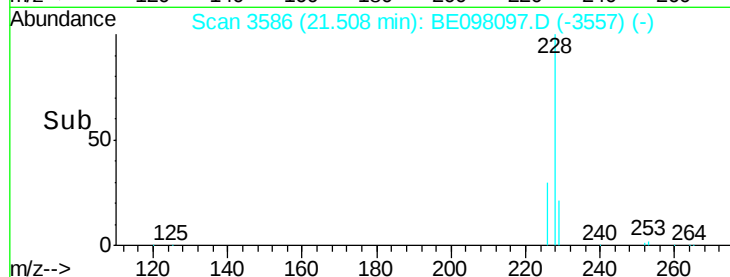
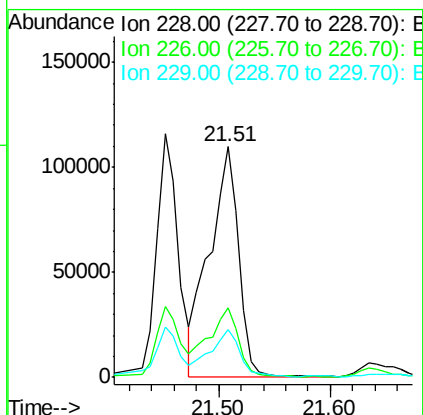
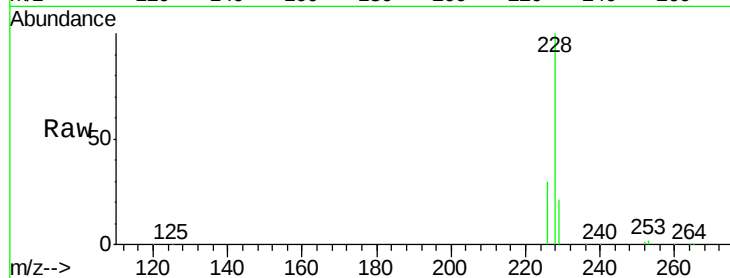
ClientSampleId :

C0AE2DL

Tgt Ion:	228	Resp:	200056
Ion Ratio		Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.9	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 14.184 ng/ul m

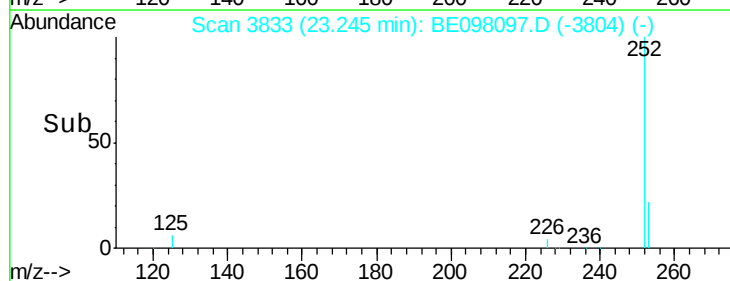
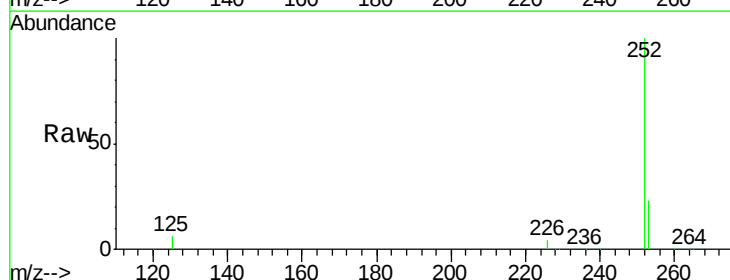
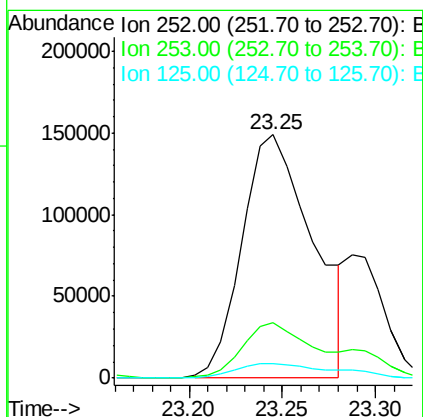
RT: 23.25 min Scan# 3833

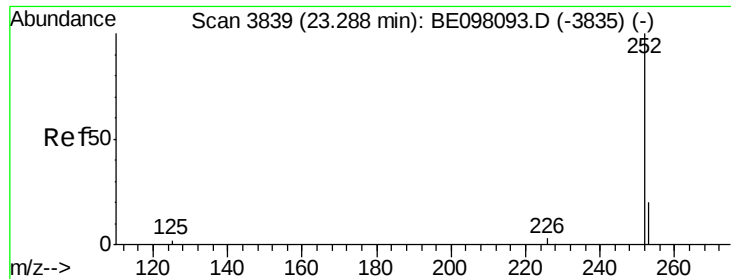
Delta R.T. 0.01 min

Lab File: BE098097.D

Acq: 26 Oct 2018 20:21

Tgt Ion:	252	Resp:	393808
Ion Ratio		Lower	Upper
252	100		
253	22.7	0.0	47.8
125	5.8	0.0	16.8





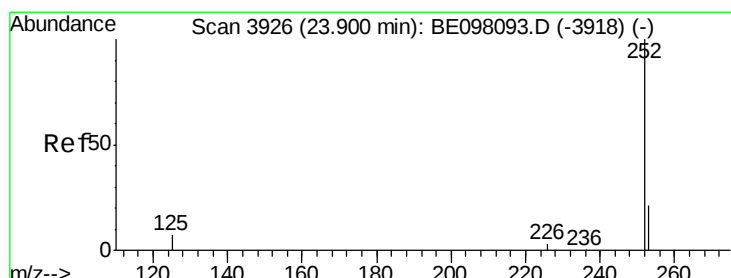
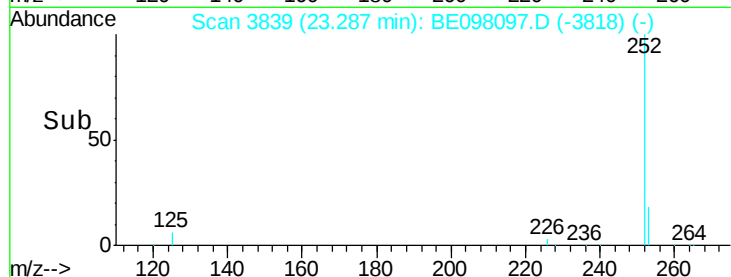
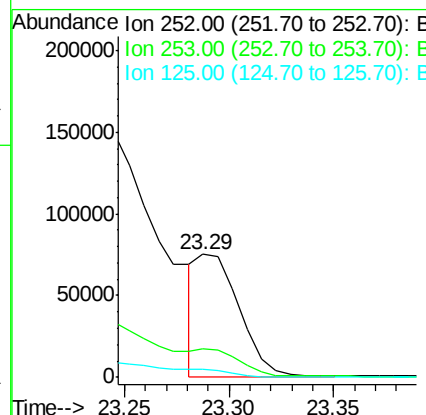
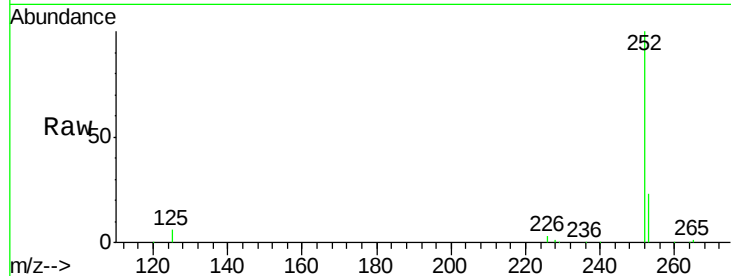
#22
Benzo(k)fluoranthene
Concen: 3.879 ng/u1 m
RT: 23.29 min Scan# 3839
Delta R.T. -0.00 min
Lab File: BE098097.D
Acq: 26 Oct 2018 20:21

Instrument :
BNA_E
ClientSampleId :
C0AE2DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.3	28.9
125	6.3	6.2	9.2

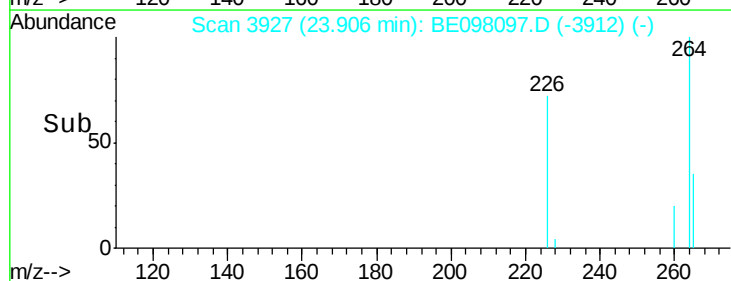
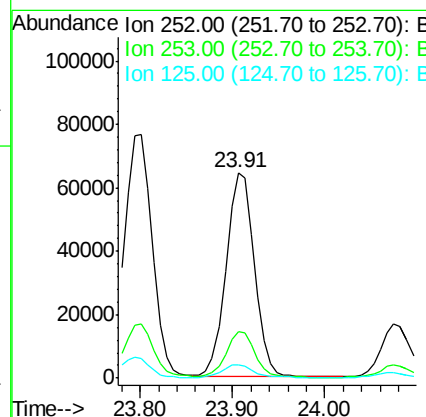
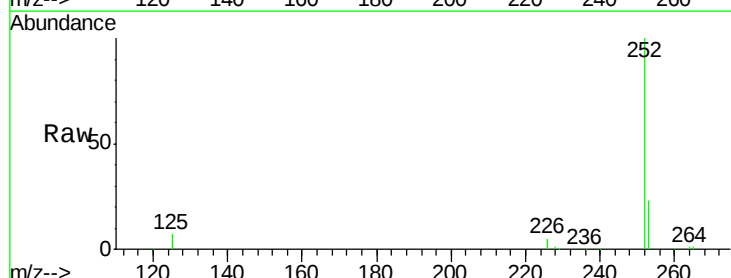
Manual Integrations
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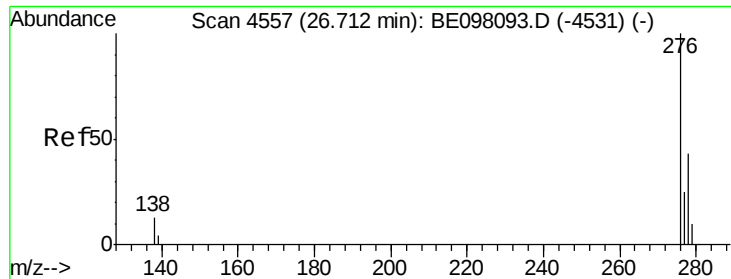
Sohil
10/29/2018 3:09:28 PM



#23
Benzo(a)pyrene
Concen: 5.160 ng/u1
RT: 23.91 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BE098097.D
Acq: 26 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.2
125	6.7	7.8	11.8#





#24

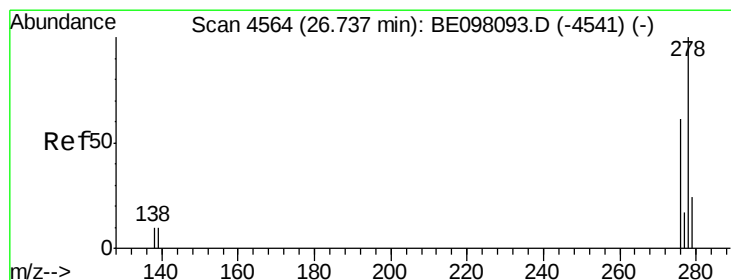
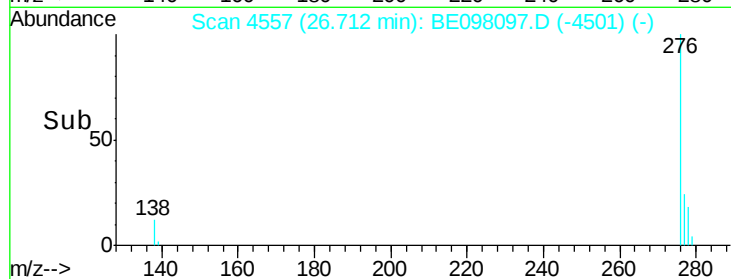
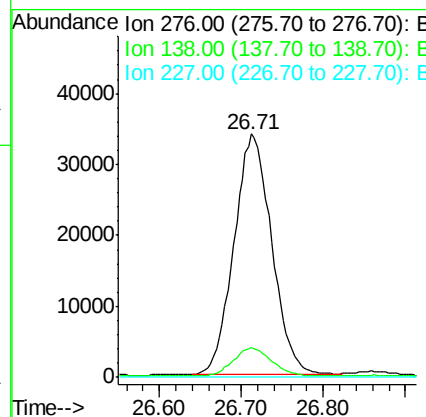
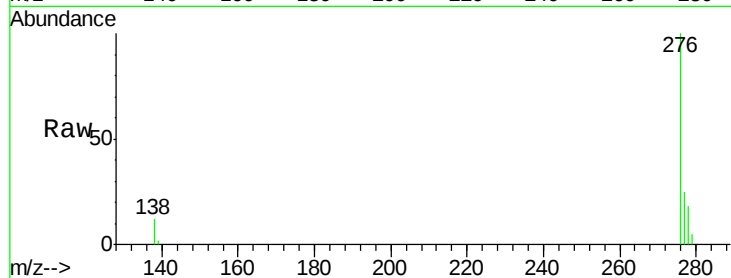
Indeno(1,2,3-cd)pyrene
Concen: 3.530 ng/u1
RT: 26.71 min Scan# 4557
Delta R.T. 0.00 min
Lab File: BE098097.D
Acq: 26 Oct 2018 20:21

Instrument :
BNA_E
ClientSampleId :
C0AE2DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.0	11.8	17.8
227	0.0	0.0	0.0

Manual Integrations
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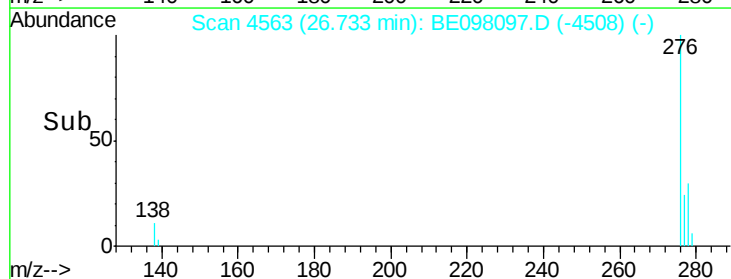
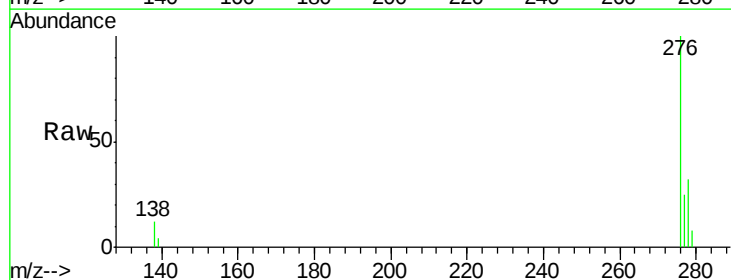
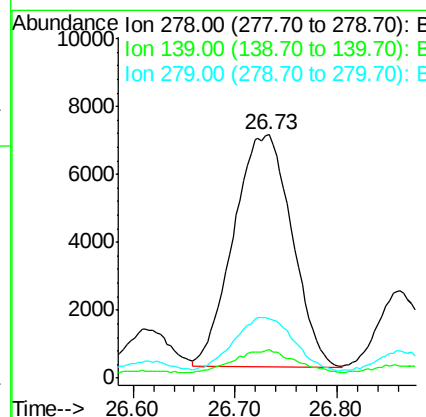
Sohil
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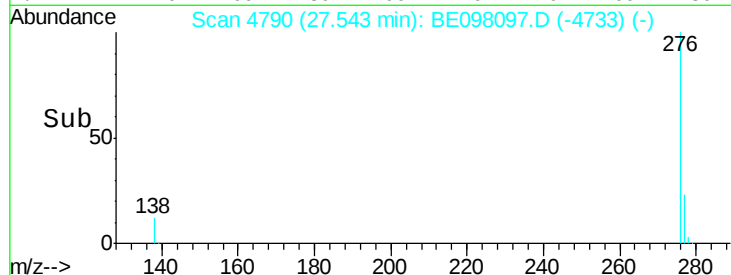
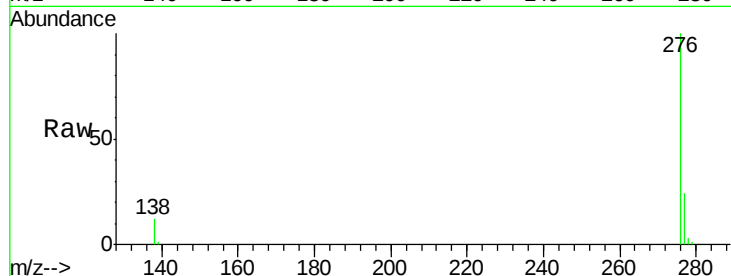
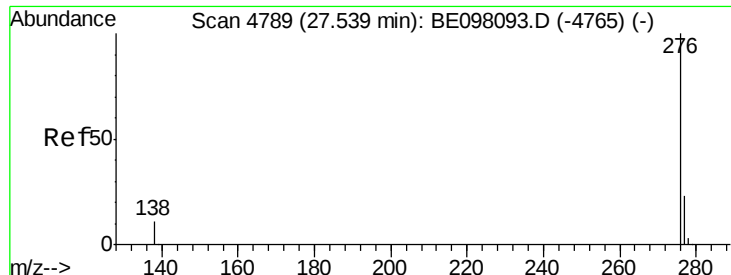


#25

Dibenzo(a,h)anthracene
Concen: 1.068 ng/u1
RT: 26.73 min Scan# 4563
Delta R.T. -0.00 min
Lab File: BE098097.D
Acq: 26 Oct 2018 20:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	11.7	10.0	15.0
279	24.1	20.3	30.5





#26
 Benzo(g,h,i)perylene
 Concen: 3.157 ng/ul
 RT: 27.54 min Scan# 4790
 Delta R.T. 0.00 min
 Lab File: BE098097.D
 Acq: 26 Oct 2018 20:21

Tgt Ion:	276	Resp:	81325
Ion Ratio	Lower	Upper	
276	100		
138	12.2	11.6	17.4
277	24.0	20.8	31.2

Instrument :
 BNA_E
 ClientSampleId :
 C0AE2DL

Manual Integrations
 APPROVED

Sohil
 10/29/2018 3:09:28 PM

