

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
 Data File : BE098095.D
 Acq On : 26 Oct 2018 19:06
 Operator : SJ/JU
 Sample : J5598-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE4DL

Manual Integrations
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Quant Time: Oct 27 00:42:19 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	7.87	152	936	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	4828	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3491	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8291	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	12087	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	10010	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	355m	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1044	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	27434	2.374	ng/ul	95
5) 2-Methylnaphthalene	12.34	142	8680	0.994	ng/ul	99
7) Acenaphthylene	14.25	152	7703	0.559	ng/ul	99
8) Acenaphthene	14.60	153	2179	0.212	ng/ul	97
9) Fluorene	15.59	166	1811	0.146	ng/ul#	93
12) Phenanthrene	17.33	178	46122	2.410	ng/ul	99
13) Anthracene	17.42	178	40763	2.157	ng/ul	100
15) Fluoranthene	19.35	202	186664	7.651	ng/ul	99
17) Pyrene	19.71	202	203484	7.210	ng/ul	97
18) Benzo(a)anthracene	21.45	228	134017	3.771	ng/ul	98
19) Chrysene	21.51	228	150548	5.476	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	328791m	11.855	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	80616m	2.970	ng/ul	
23) Benzo(a)pyrene	23.91	252	135273	5.071	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	26.72	276	128234	4.195	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.73	278	29928	1.175	ng/ul	97
26) Benzo(g,h,i)perylene	27.55	276	104961	4.079	ng/ul	96

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

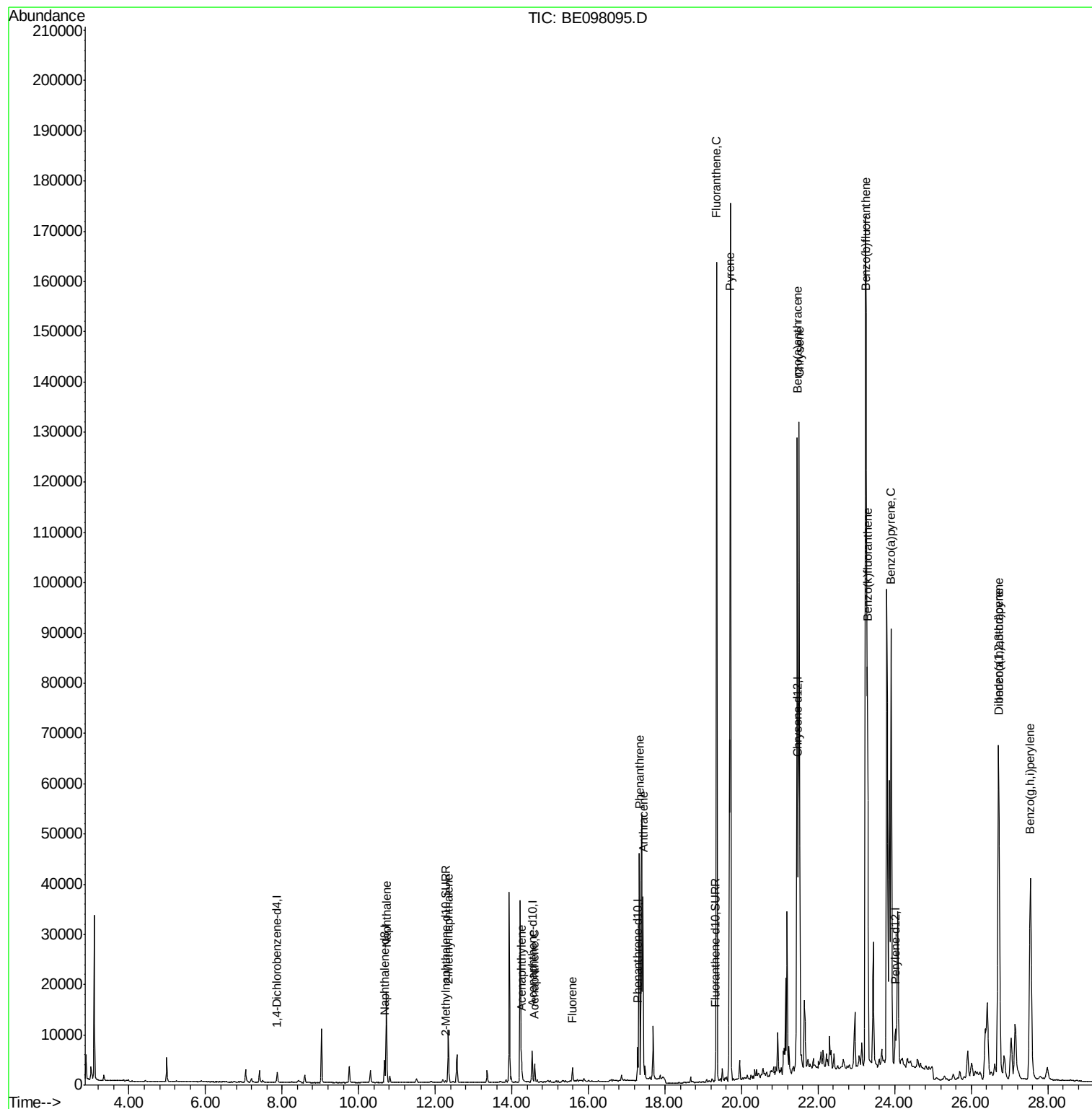
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098095.D
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Operator : SJ/JU
Sample : J5598-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

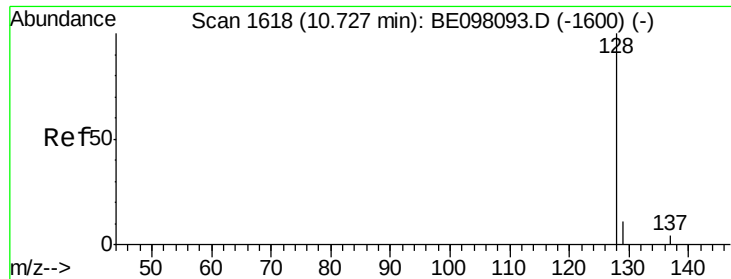
Instrument :
BNA_E
ClientSampleId :
C0AE4DL

Quant Time: Oct 27 00:42:19 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
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#3

Naphthalene

Concen: 2.374 ng/ul

RT: 10.73 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Instrument :

BNA_E

ClientSampleId :

C0AE4DL

Tgt Ion:128 Resp: 27434

Ion Ratio Lower Upper

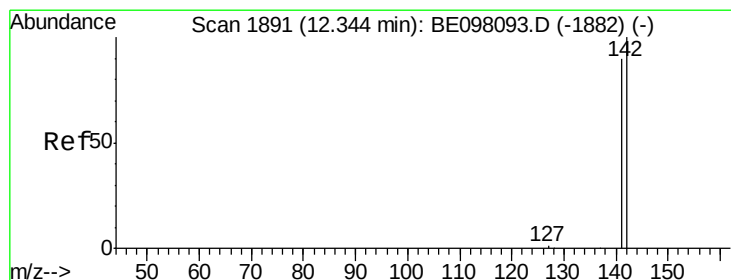
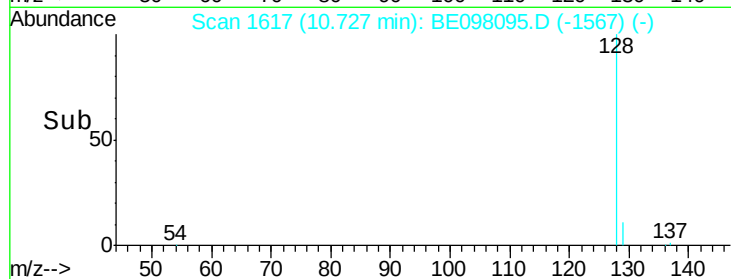
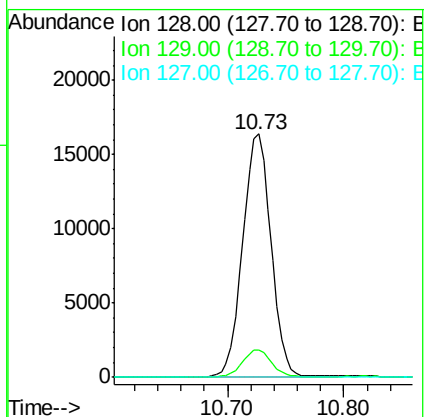
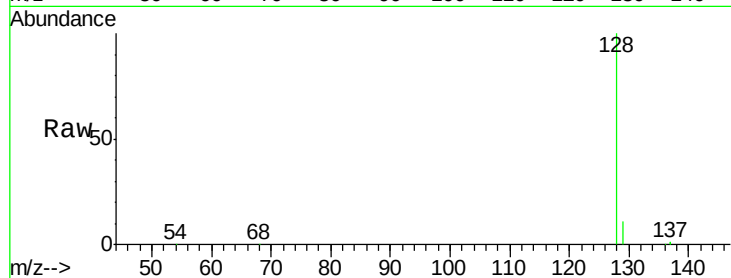
128 100

129 11.2 10.5 15.7

127 0.0 0.0 0.0

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#5

2-Methylnaphthalene

Concen: 0.994 ng/ul

RT: 12.34 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BE098095.D

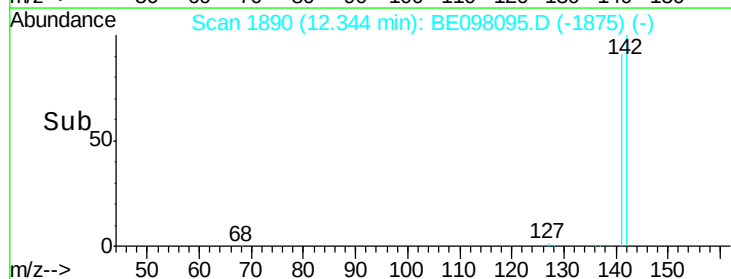
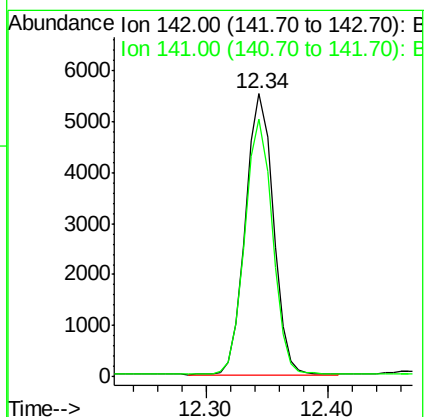
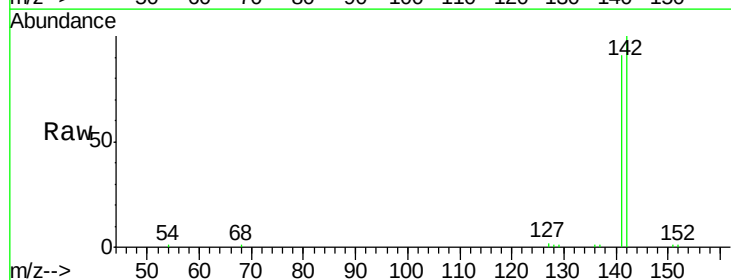
Acq: 26 Oct 2018 19:06

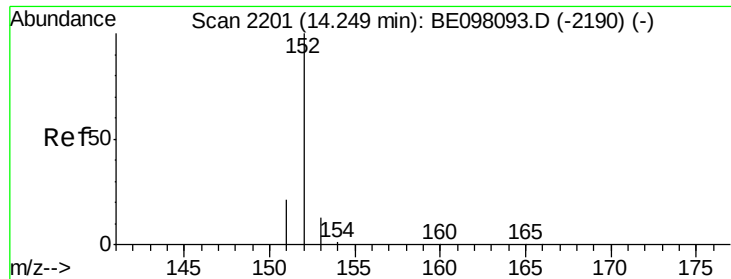
Tgt Ion:142 Resp: 8680

Ion Ratio Lower Upper

142 100

141 89.8 72.5 108.7





#7

Acenaphthylene

Concen: 0.559 ng/ul

RT: 14.25 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Instrument :

BNA_E

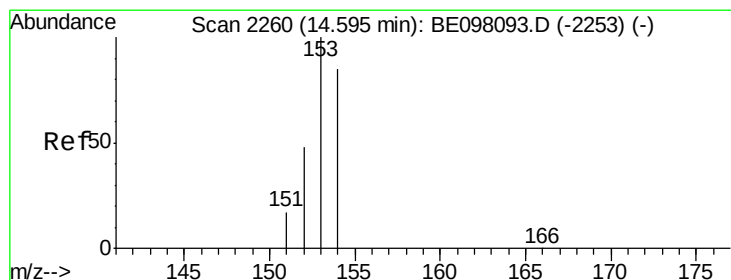
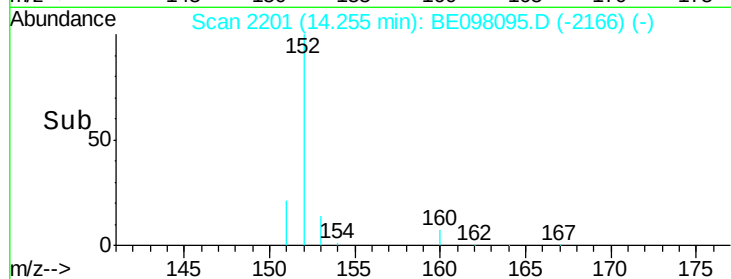
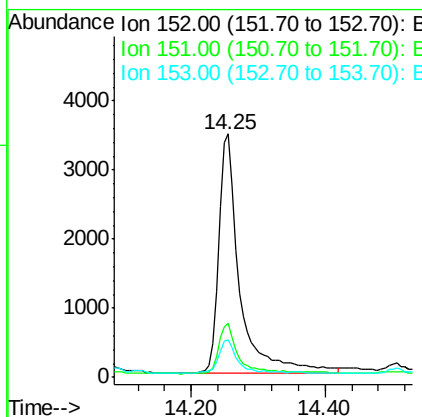
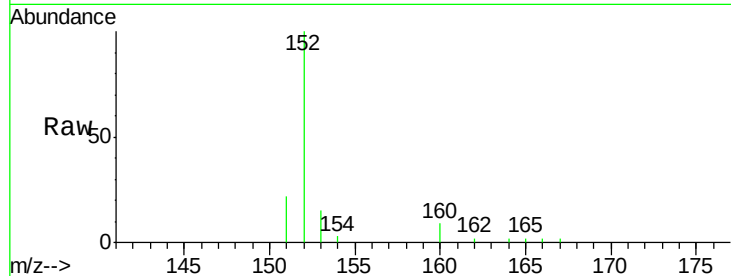
ClientSampleId :

C0AE4DL

Tgt Ion:	152	Resp:	7703
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.3	25.9
153	15.4	11.9	17.9

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#8

Acenaphthene

Concen: 0.212 ng/ul

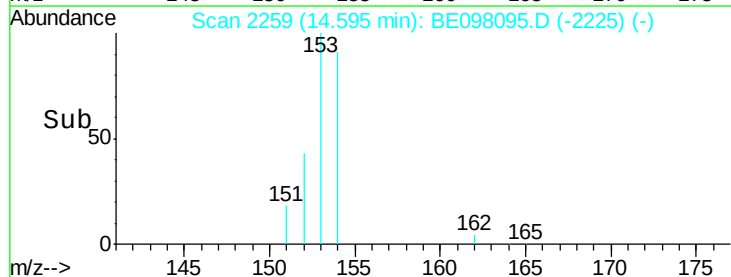
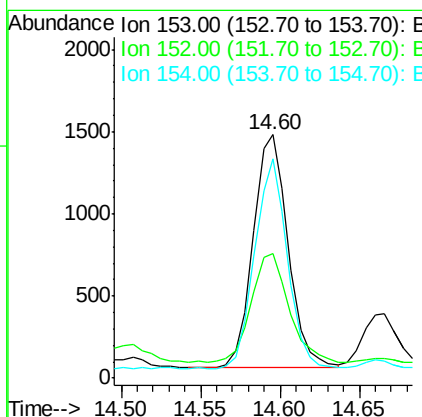
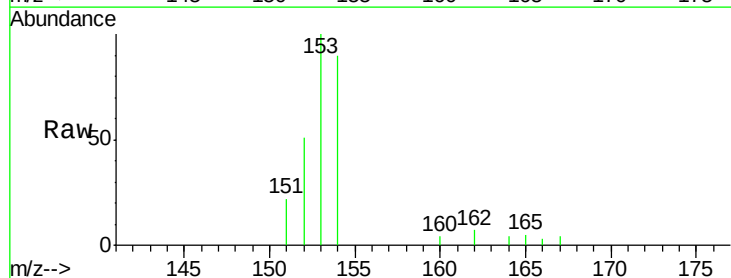
RT: 14.60 min Scan# 2259

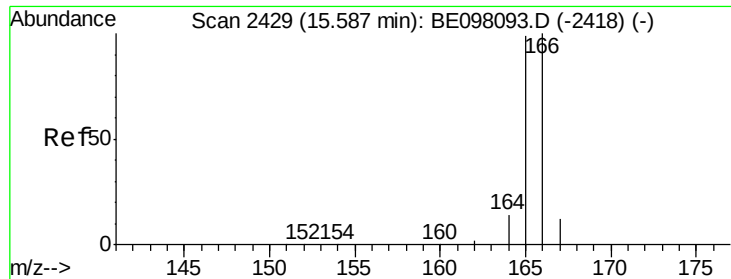
Delta R.T. 0.00 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Tgt Ion:	153	Resp:	2179
Ion Ratio	Lower	Upper	
153	100		
152	51.3	39.4	59.0
154	90.4	70.5	105.7





#9

Fluorene

Concen: 0.146 ng/ul

RT: 15.59 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Instrument :

BNA_E

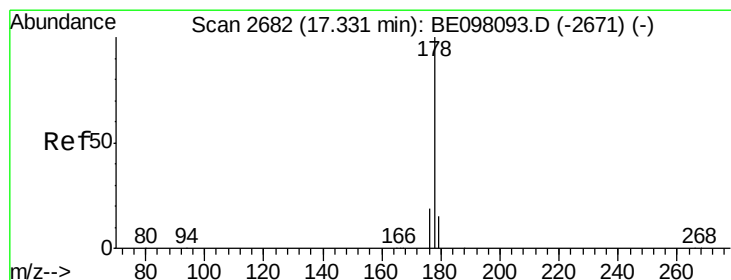
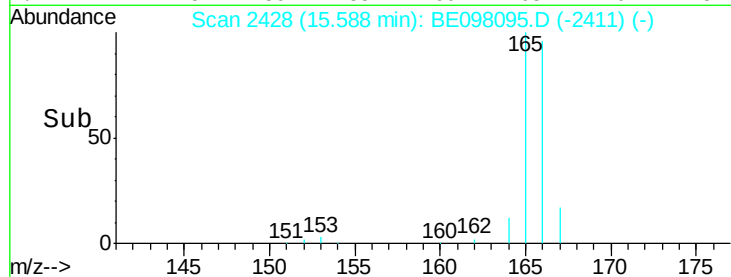
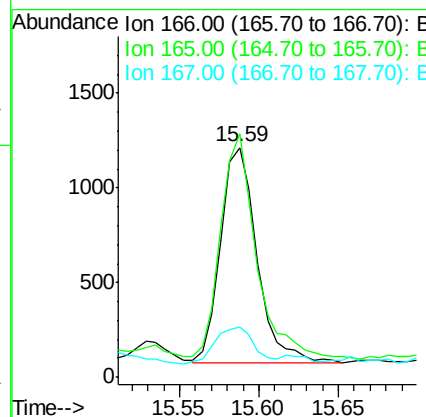
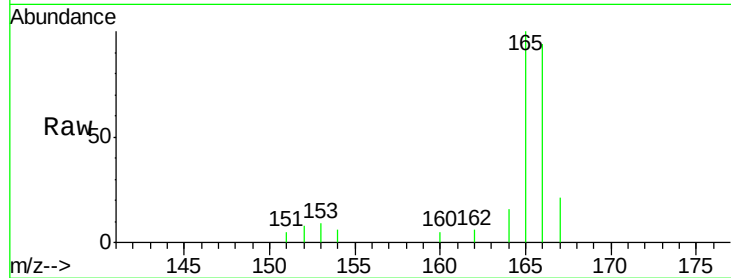
ClientSampleId :

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Tgt Ion:	166	Resp:	1811
Ion Ratio	Lower	Upper	
166	100		
165	105.8	80.2	120.4
167	22.1	12.0	18.0#

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#12

Phenanthrene

Concen: 2.410 ng/ul

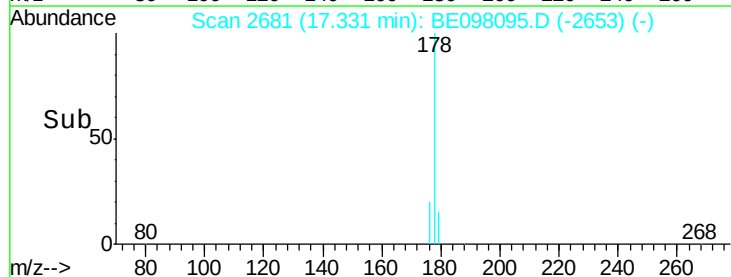
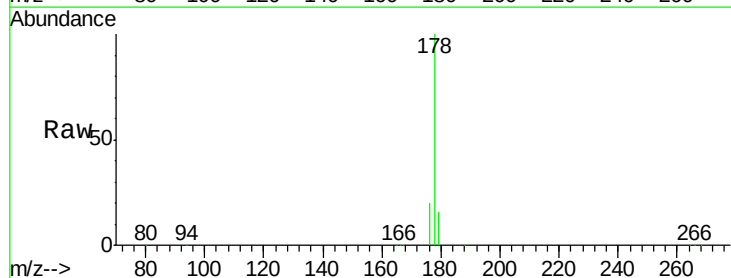
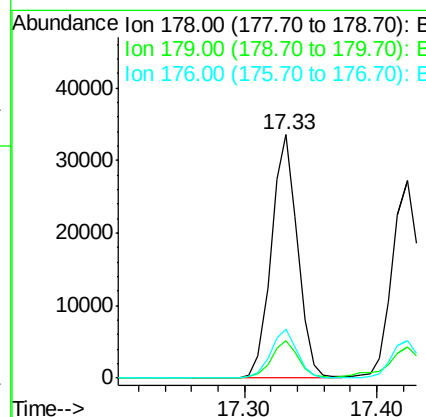
RT: 17.33 min Scan# 2681

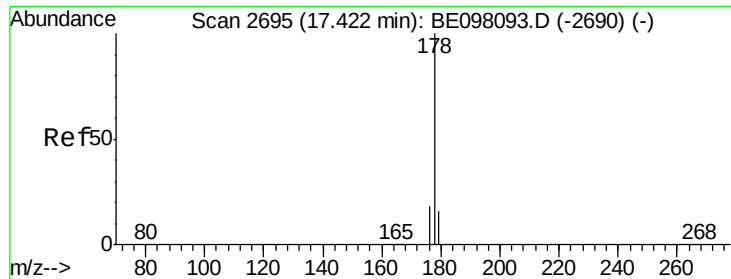
Delta R.T. 0.00 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Tgt Ion:	178	Resp:	46122
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.0	19.4
176	19.9	15.7	23.5





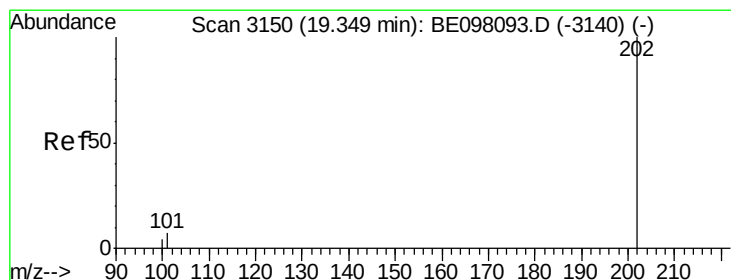
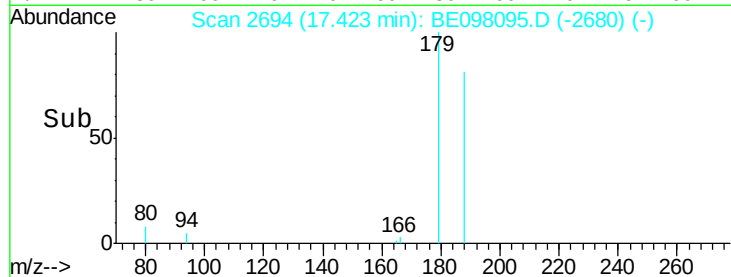
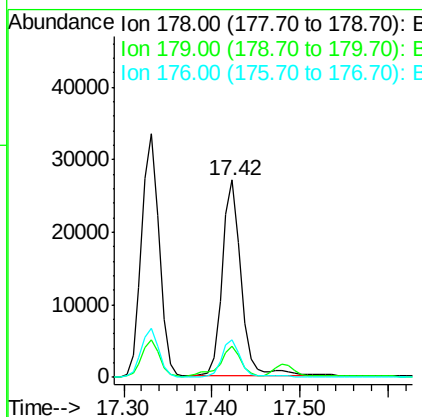
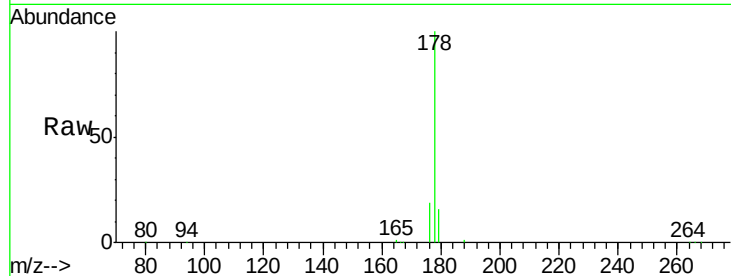
#13
 Anthracene
 Concen: 2.157 ng/ul
 RT: 17.42 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: BE098095.D
 Acq: 26 Oct 2018 19:06

Instrument :
 BNA_E
 ClientSampleId :
 C0AE4DL

Tgt Ion:178 Resp: 40763
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.6 19.0
 176 19.1 15.6 23.4

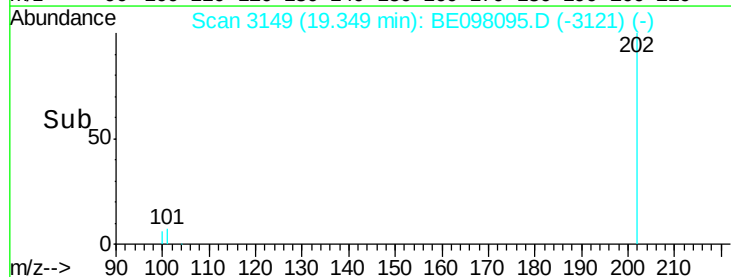
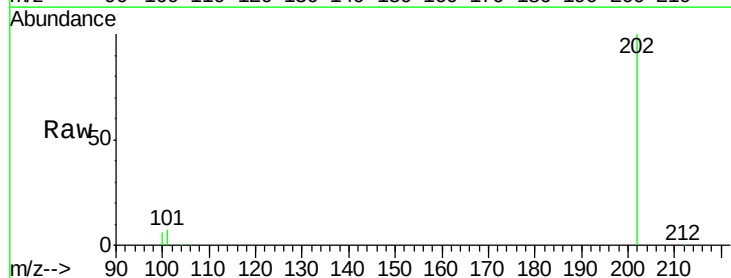
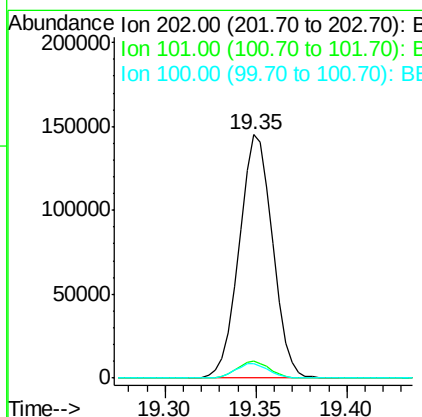
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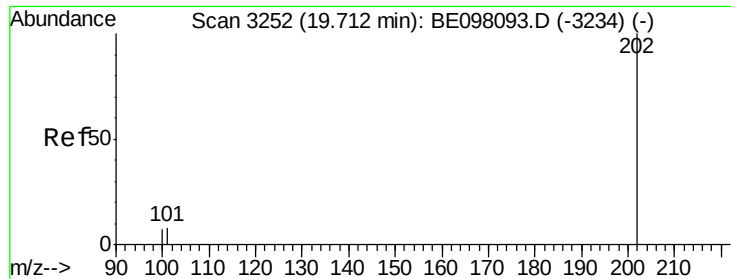
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#15
 Fluoranthene
 Concen: 7.651 ng/ul
 RT: 19.35 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BE098095.D
 Acq: 26 Oct 2018 19:06

Tgt Ion:202 Resp: 186664
 Ion Ratio Lower Upper
 202 100
 101 6.8 0.0 27.5
 100 5.9 0.0 26.0





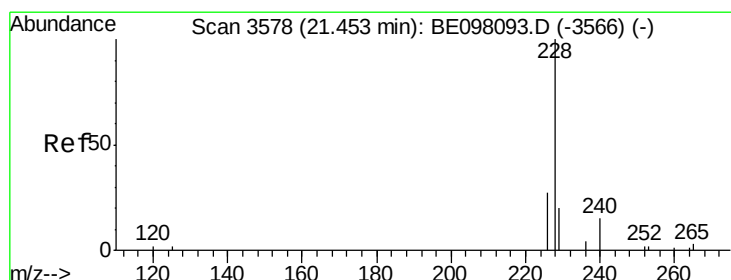
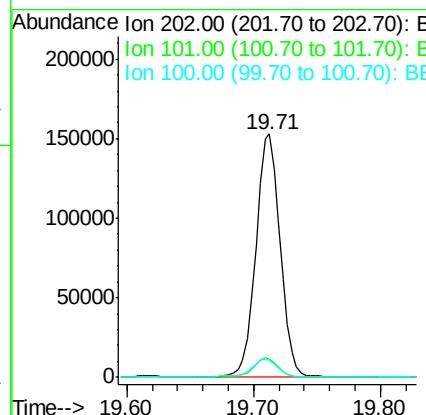
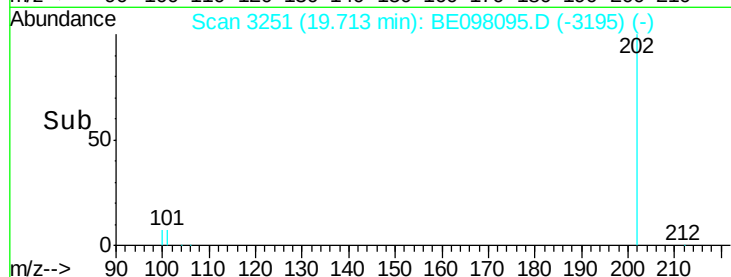
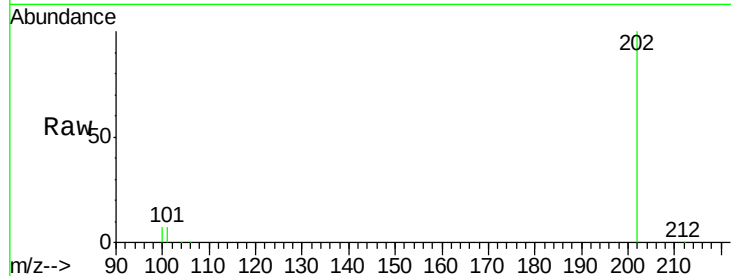
#17
Pyrene
Concen: 7.210 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BE098095.D
Acq: 26 Oct 2018 19:06

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.5	6.9	10.3
100	6.9	6.0	9.0

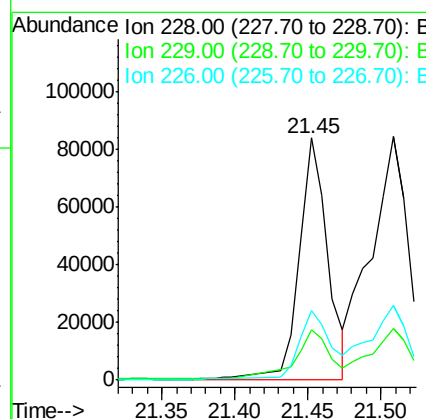
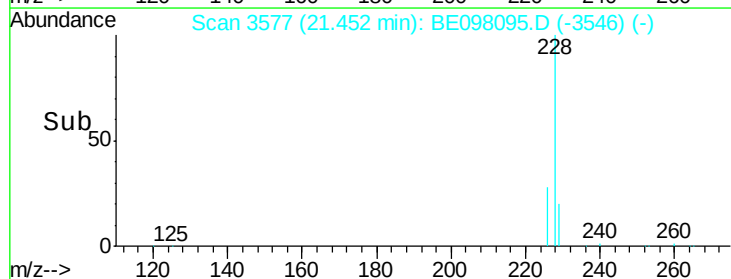
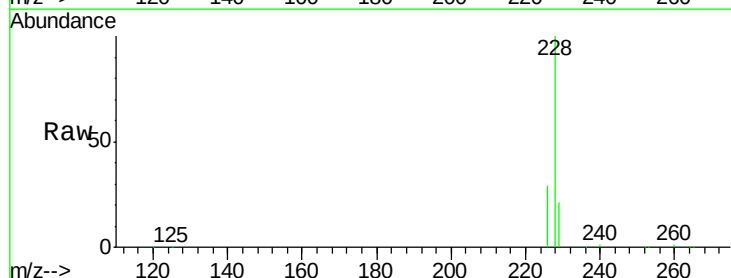
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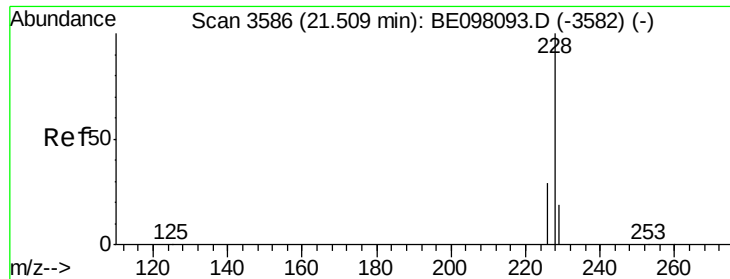
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#18
Benzo(a)anthracene
Concen: 3.771 ng/ul
RT: 21.45 min Scan# 3577
Delta R.T. -0.00 min
Lab File: BE098095.D
Acq: 26 Oct 2018 19:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	16.1	24.1
226	28.9	22.2	33.4





#19

Chrysene

Concen: 5.476 ng/ul

RT: 21.51 min Scan# 3585

Delta R.T. -0.00 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Instrument :

BNA_E

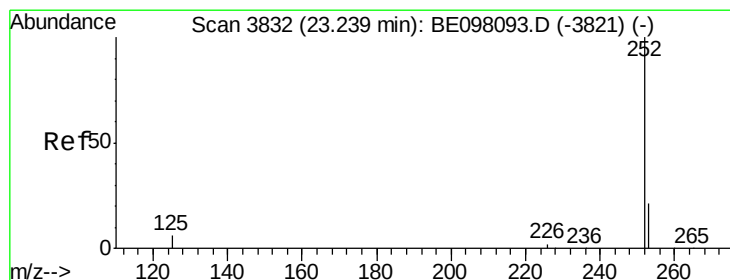
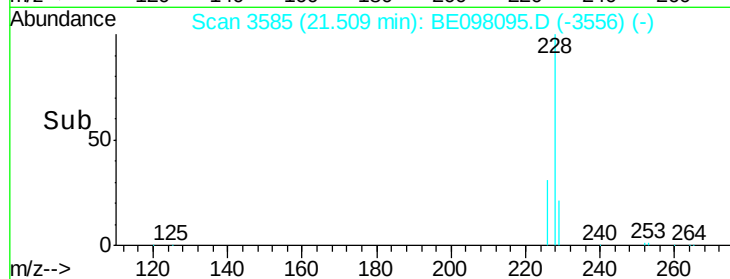
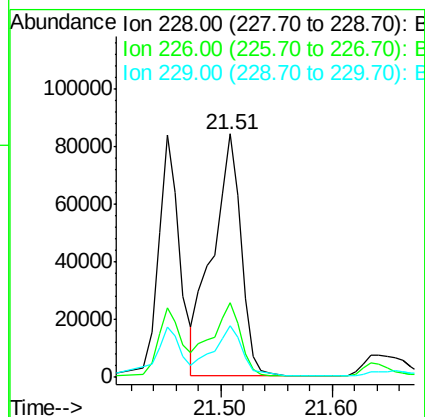
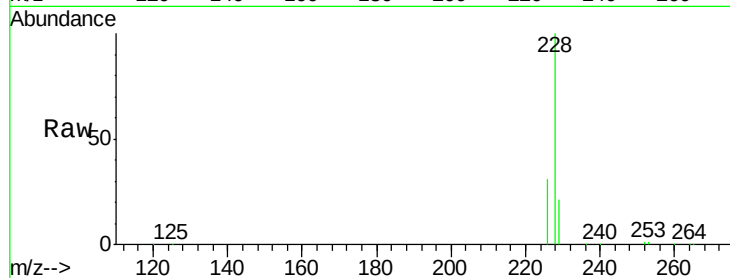
ClientSampleId :

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Tgt Ion:	228	Resp:	150548
Ion Ratio		Lower	Upper
228	100		
226	30.7	24.6	37.0
229	21.4	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 11.855 ng/ul m

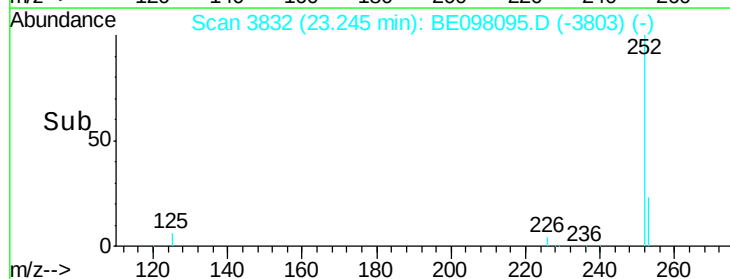
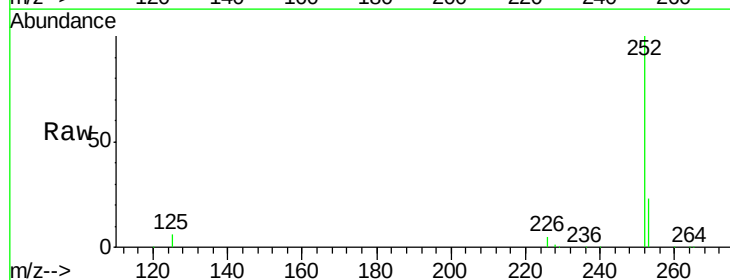
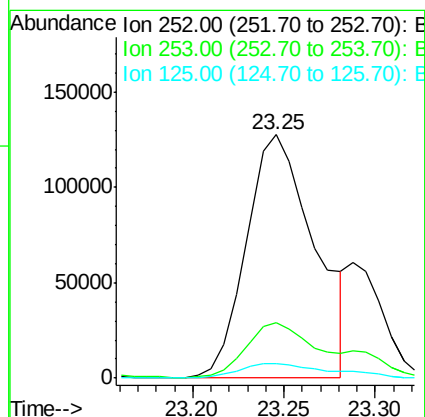
RT: 23.25 min Scan# 3832

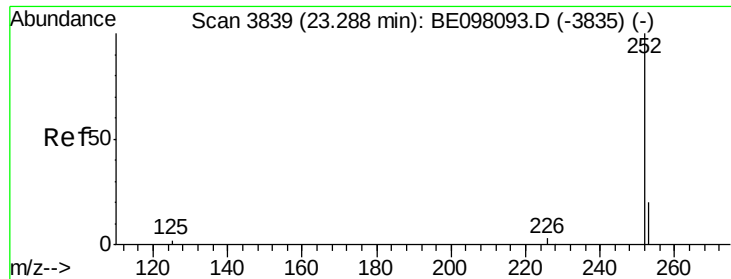
Delta R.T. 0.01 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Tgt Ion:	252	Resp:	328791
Ion Ratio		Lower	Upper
252	100		
253	22.8	0.0	47.8
125	6.1	0.0	16.8





#22

Benzo(k)fluoranthene

Concen: 2.970 ng/ul m

RT: 23.29 min Scan# 3838

Delta R.T. -0.00 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Instrument :

BNA_E

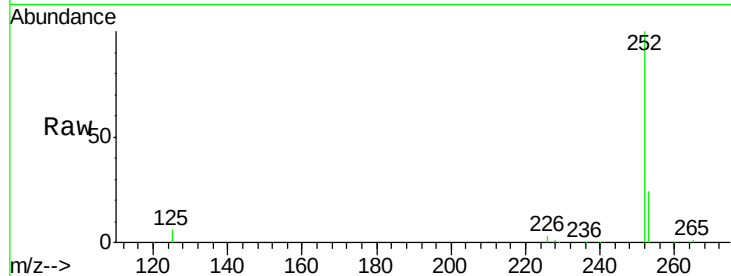
ClientSampled :

C0AE4DL

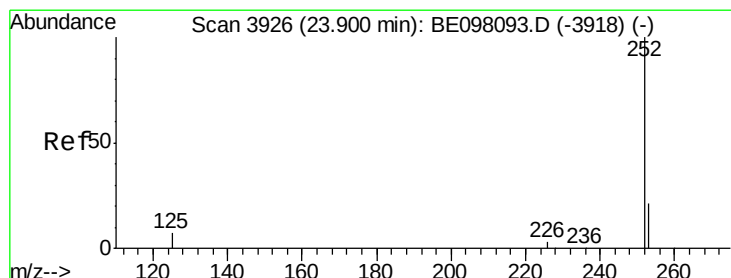
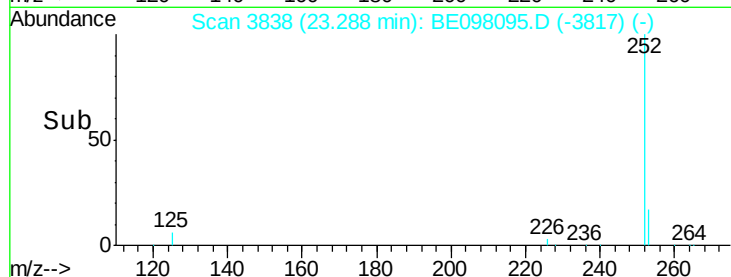
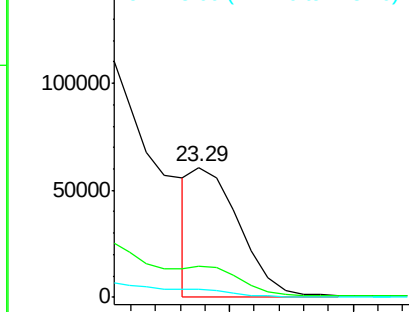
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	6.1	6.2	9.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 5.071 ng/ul

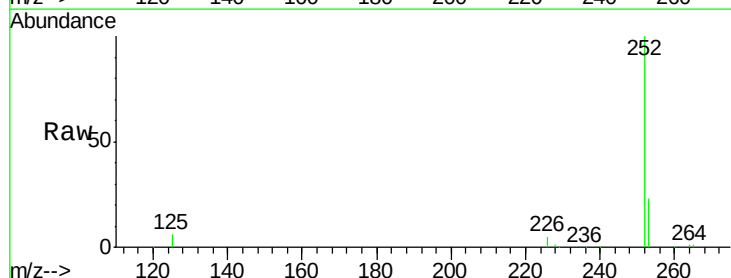
RT: 23.91 min Scan# 3926

Delta R.T. 0.01 min

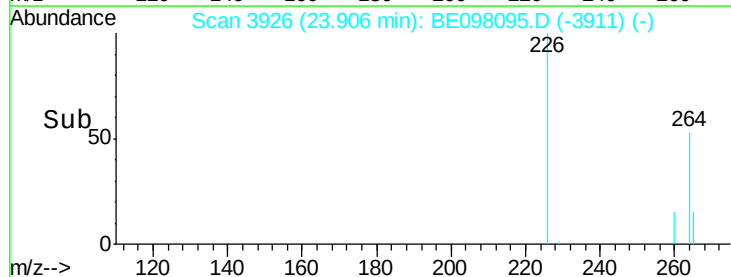
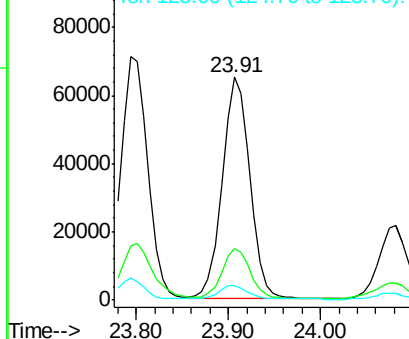
Lab File: BE098095.D

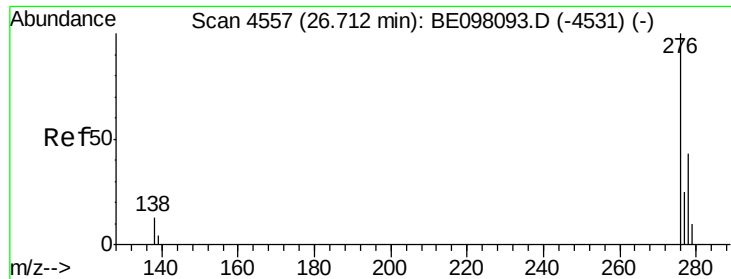
Acq: 26 Oct 2018 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.2
125	6.4	7.8	11.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 4.195 ng/ul

RT: 26.72 min Scan# 4557

Delta R.T. 0.00 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Instrument :

BNA_E

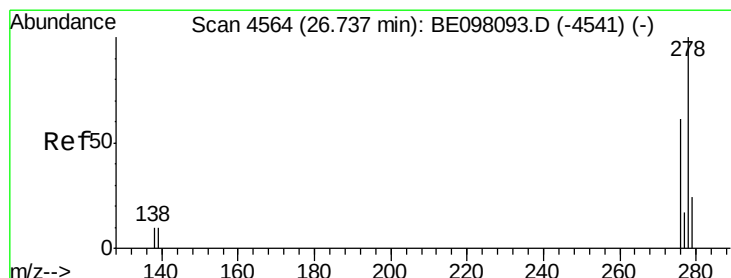
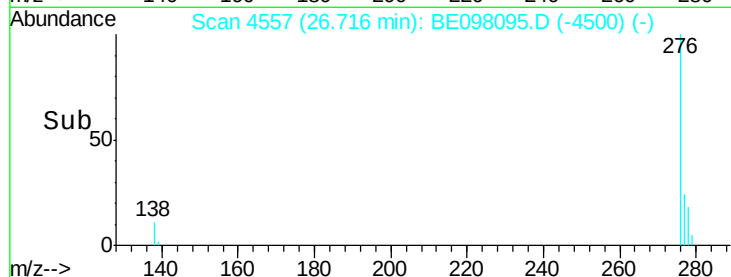
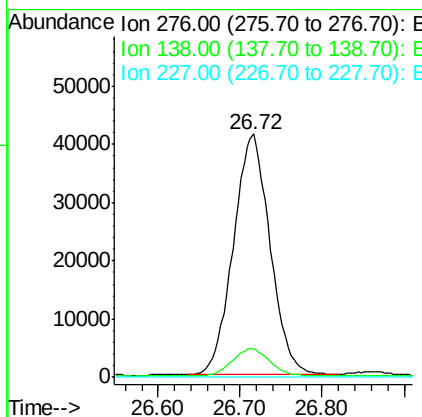
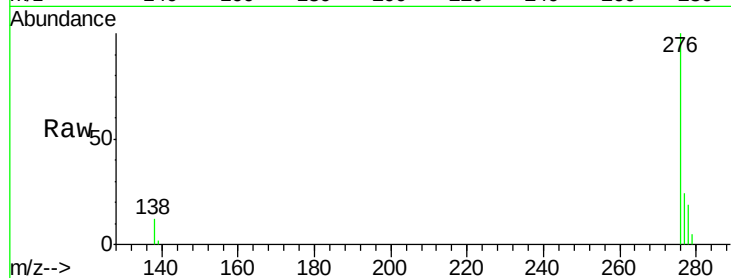
ClientSampleId :

C0AE4DL

Tgt Ion:	276	Resp:	128234
Ion Ratio	Lower	Upper	
276	100		
138	11.9	11.8	17.8
227	0.0	0.0	0.0

Manual Integrations
APPROVED

Sohil
10/29/2018 3:09:27 PM



#25

Dibenzo(a,h)anthracene

Concen: 1.175 ng/ul

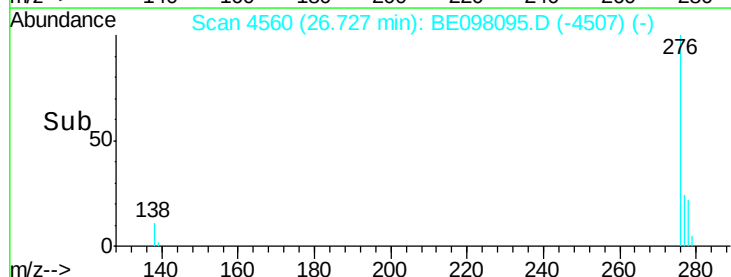
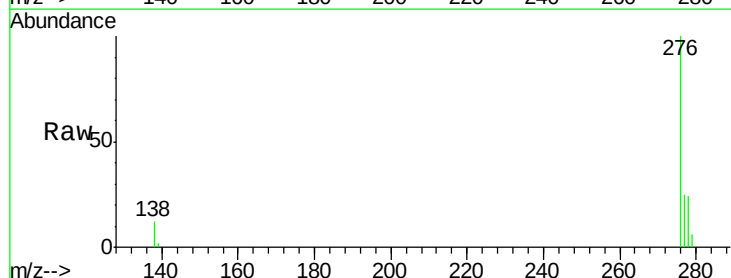
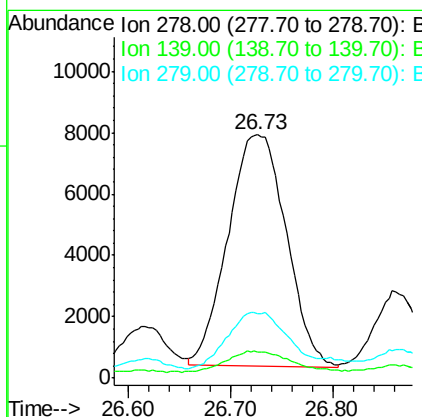
RT: 26.73 min Scan# 4560

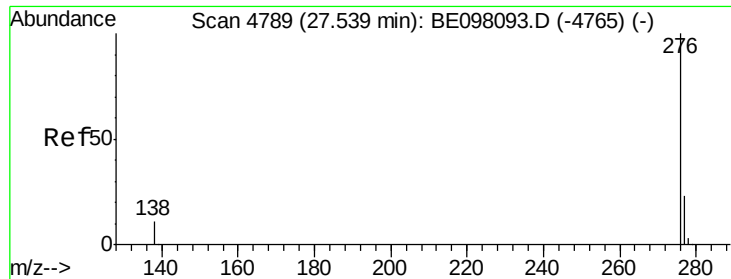
Delta R.T. -0.01 min

Lab File: BE098095.D

Acq: 26 Oct 2018 19:06

Tgt Ion:	278	Resp:	29928
Ion Ratio	Lower	Upper	
278	100		
139	10.5	10.0	15.0
279	26.7	20.3	30.5





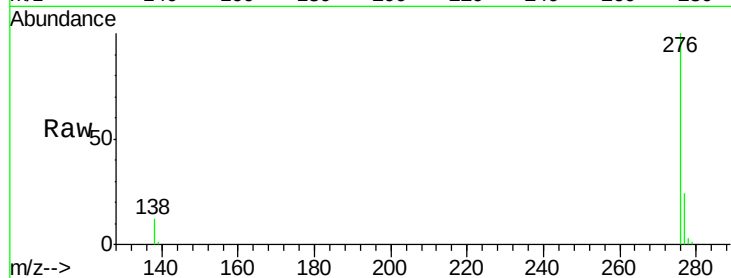
#26
 Benzo(g,h,i)perylene
 Concen: 4.079 ng/ul
 RT: 27.55 min Scan# 4790
 Delta R.T. 0.01 min
 Lab File: BE098095.D
 Acq: 26 Oct 2018 19:06

Instrument :
 BNA_E
 ClientSampleId :
 C0AE4DL

Tgt Ion:	276	Resp:	104961
Ion Ratio	Lower	Upper	
276	100		
138	12.2	11.6	17.4
277	24.4	20.8	31.2

Manual Integrations
 APPROVED

Sohil
 10/29/2018 3:09:27 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

