

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
 Data File : BE098098.D
 Acq On : 26 Oct 2018 20:57
 Operator : SJ/JU
 Sample : J5598-15DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE3DL

Manual Integrations
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Quant Time: Oct 27 00:48:39 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	1032	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5223	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3714	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9005	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	12261	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	10828	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	393	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1368	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.72	128	295	0.024	ng/ul#	48
7) Acenaphthylene	14.25	152	1083	0.074	ng/ul#	86
12) Phenanthrene	17.33	178	2475	0.119	ng/ul	94
13) Anthracene	17.42	178	1721	0.084	ng/ul#	87
15) Fluoranthene	19.35	202	24956	0.942	ng/ul	99
17) Pyrene	19.71	202	31899	1.114	ng/ul	100
18) Benzo(a)anthracene	21.45	228	22701	0.630	ng/ul	99
19) Chrysene	21.51	228	29655	1.063	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	48053m	1.602	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	10994m	0.374	ng/ul	
23) Benzo(a)pyrene	23.90	252	15065	0.522	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.71	276	12450	0.377	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.73	278	3477	0.126	ng/ul#	81
26) Benzo(g,h,i)perylene	27.54	276	9244	0.332	ng/ul	99

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

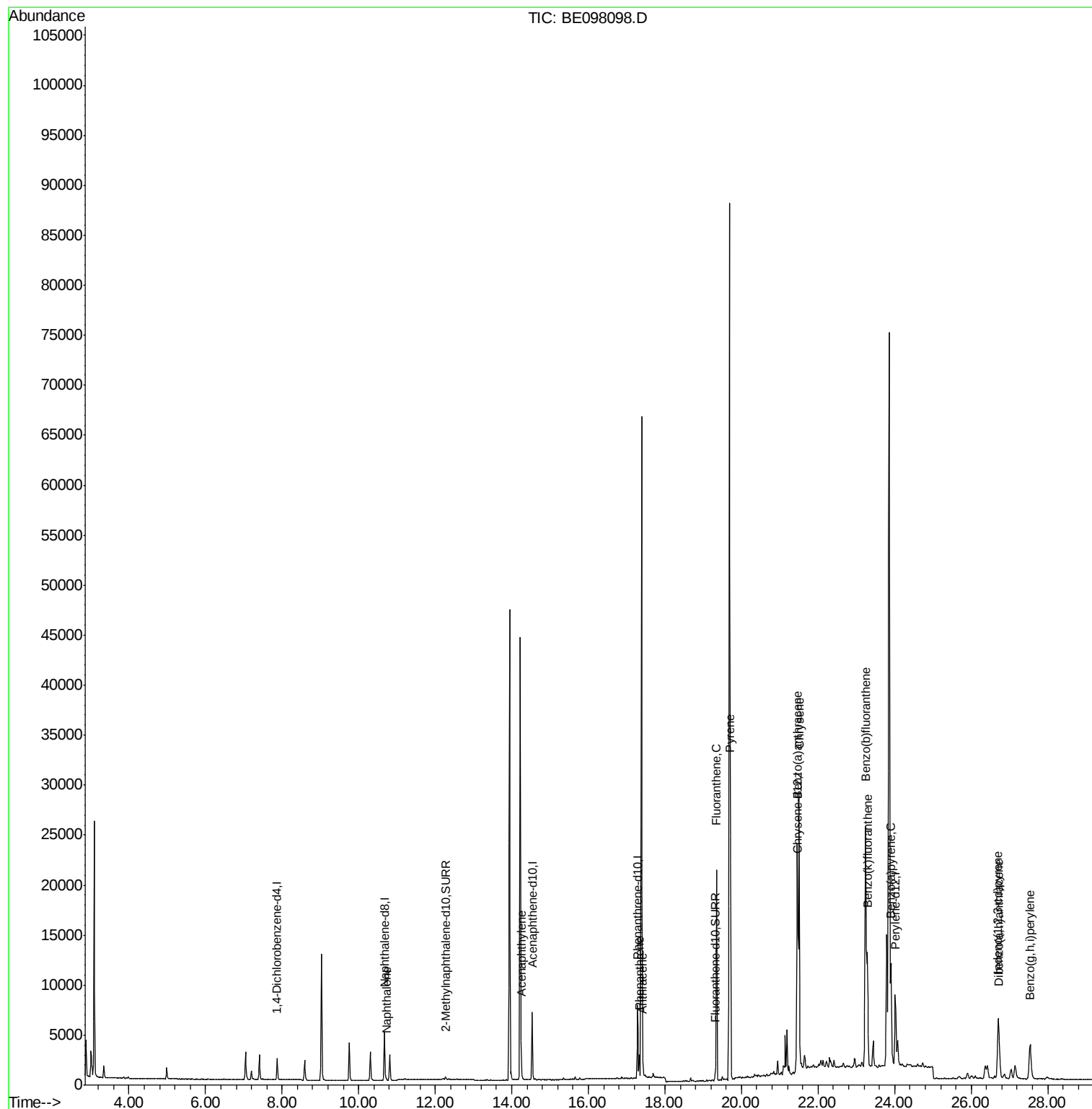
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098098.D
Acq On : 26 Oct 2018 20:57
Operator : SJ/JU
Sample : J5598-15DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

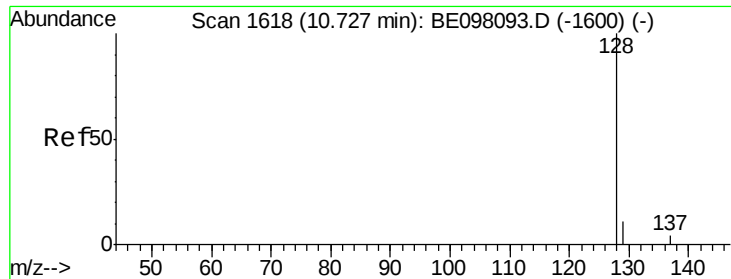
Instrument :
BNA_E
ClientSampleId :
C0AE3DL

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Quant Time: Oct 27 00:48:39 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





#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.72 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Instrument :

BNA_E

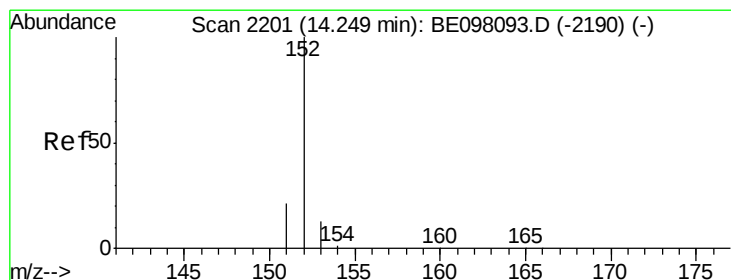
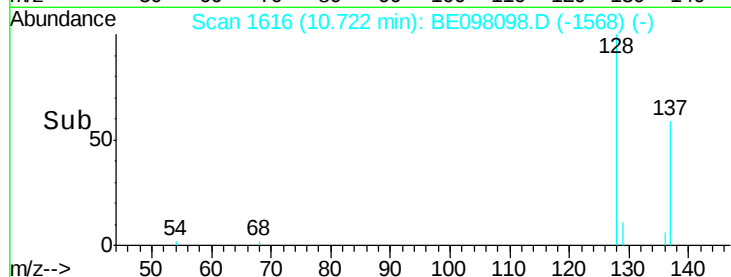
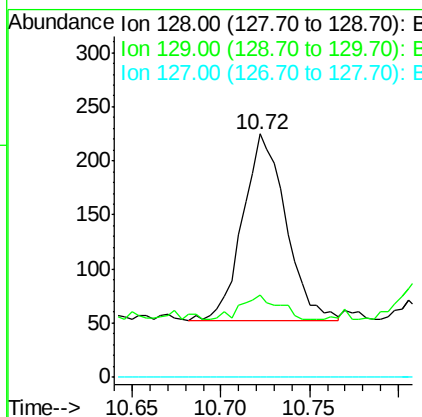
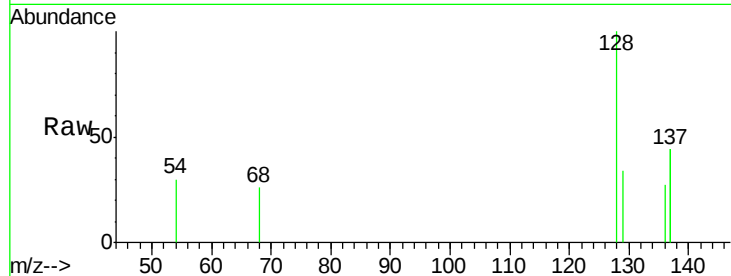
ClientSampleId :

C0AE3DL

Tgt Ion:	128	Resp:	295
Ion Ratio	Lower	Upper	
128	100		
129	33.8	10.5	15.7#
127	0.0	0.0	0.0

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#7

Acenaphthylene

Concen: 0.074 ng/ul

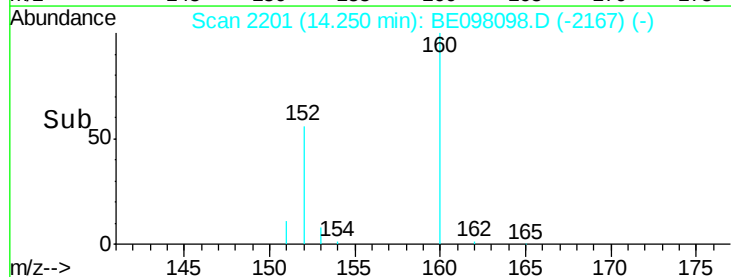
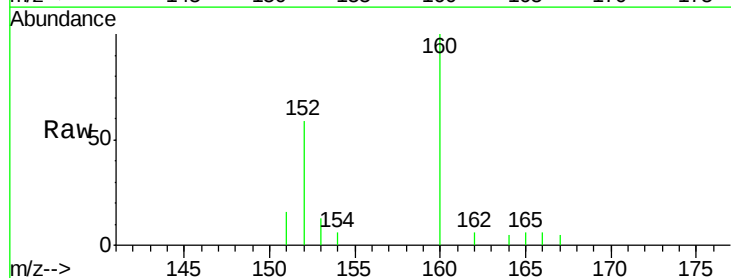
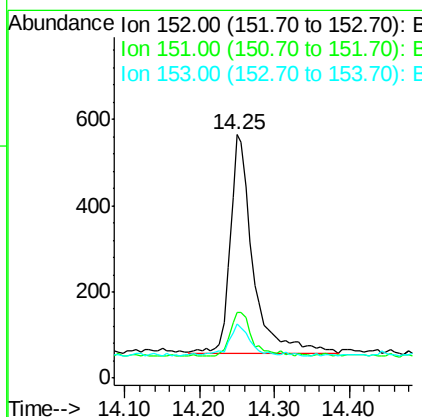
RT: 14.25 min Scan# 2201

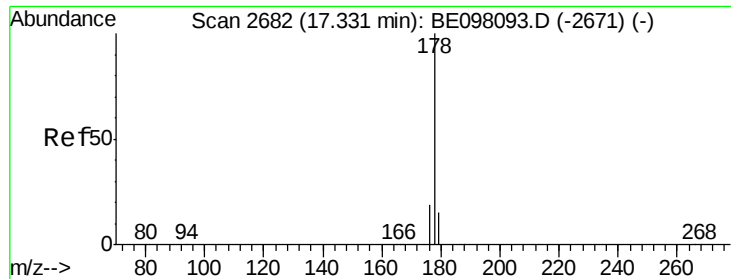
Delta R.T. 0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Tgt Ion:	152	Resp:	1083
Ion Ratio	Lower	Upper	
152	100		
151	26.7	17.3	25.9#
153	22.5	11.9	17.9#





#12

Phenanthrene

Concen: 0.119 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Instrument :

BNA_E

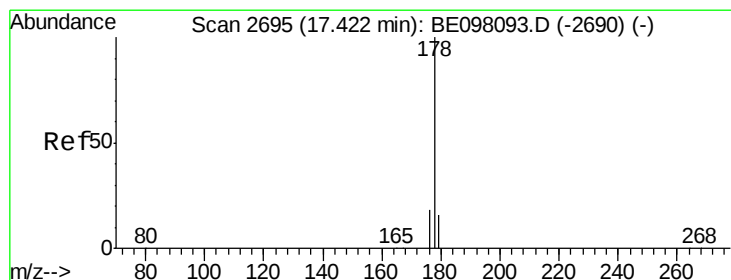
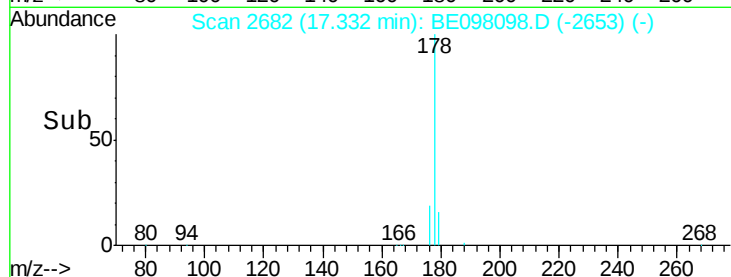
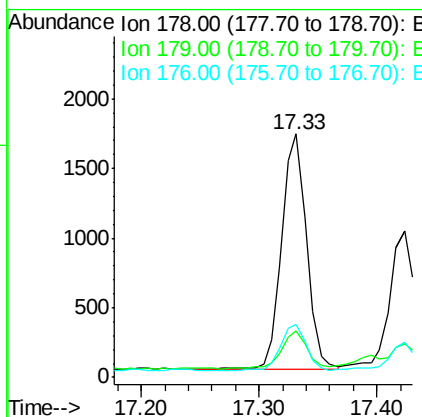
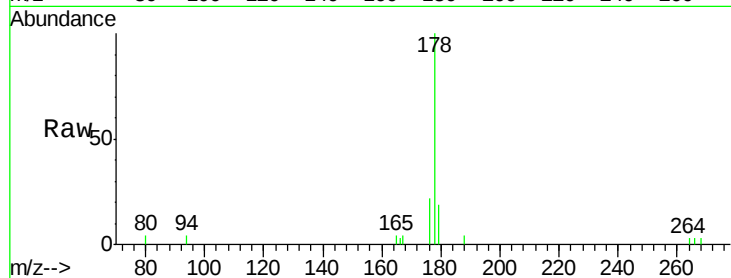
ClientSampleId :

C0AE3DL

Tgt Ion:	178	Resp:	2475
Ion Ratio	Lower	Upper	
178	100		
179	19.1	13.0	19.4
176	22.0	15.7	23.5

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#13

Anthracene

Concen: 0.084 ng/ul

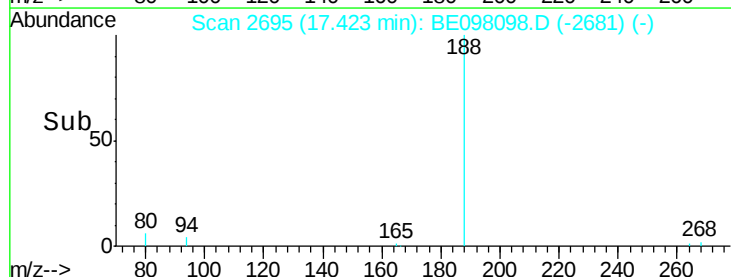
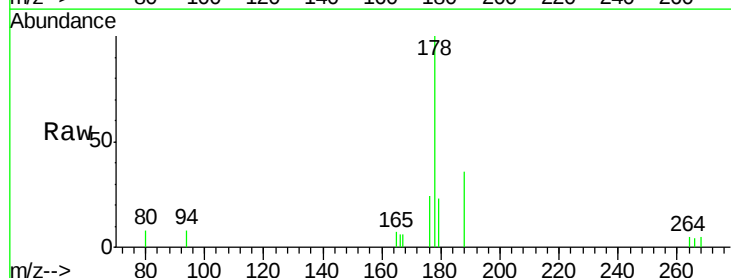
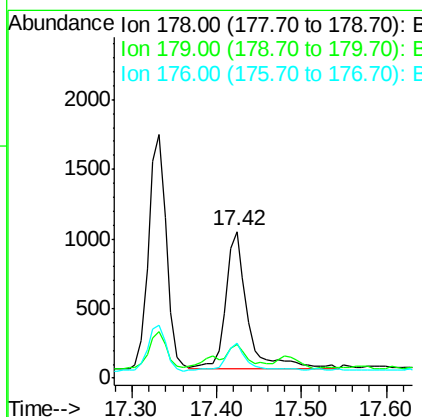
RT: 17.42 min Scan# 2695

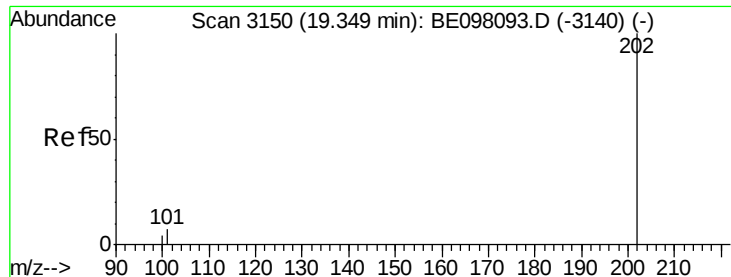
Delta R.T. 0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Tgt Ion:	178	Resp:	1721
Ion Ratio	Lower	Upper	
178	100		
179	22.9	12.6	19.0#
176	24.3	15.6	23.4#





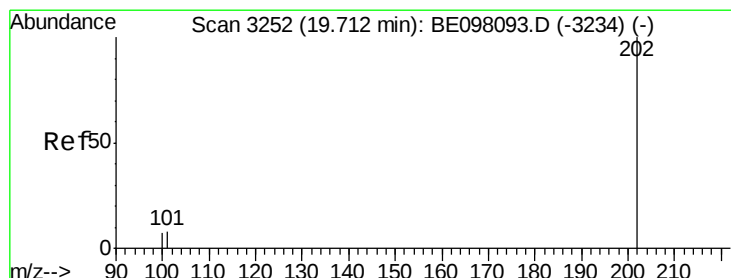
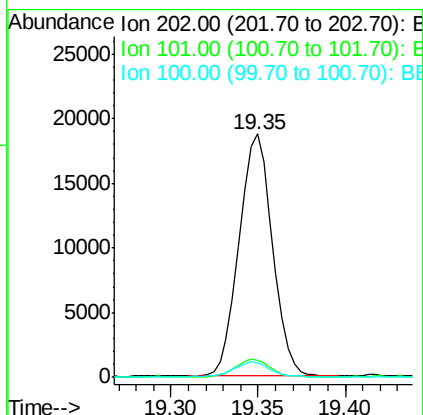
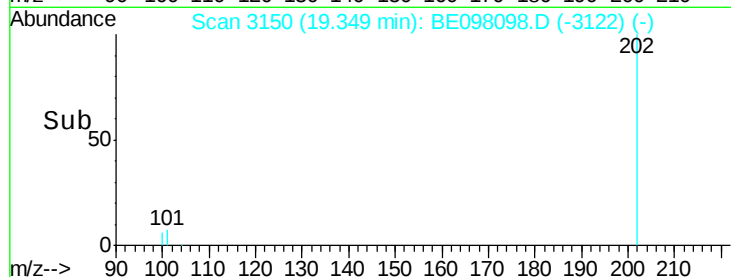
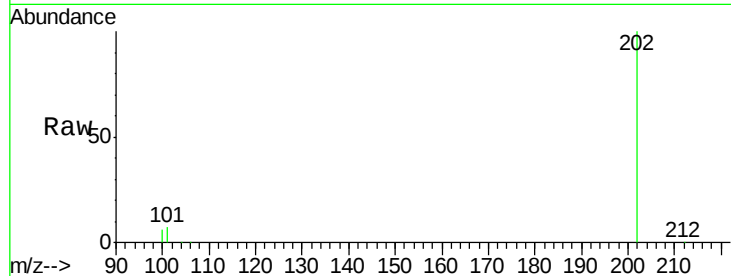
#15
Fluoranthene
Concen: 0.942 ng/ul
RT: 19.35 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE098098.D
Acq: 26 Oct 2018 20:57

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	24956		
101	7.1	0.0	27.5	
100	6.0	0.0	26.0	

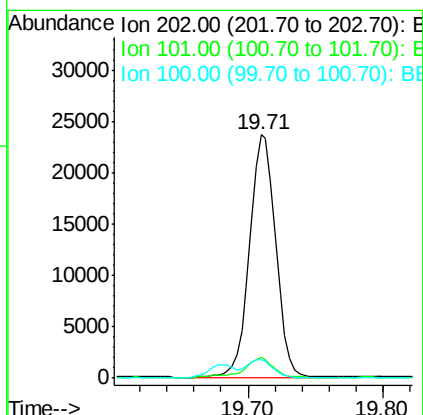
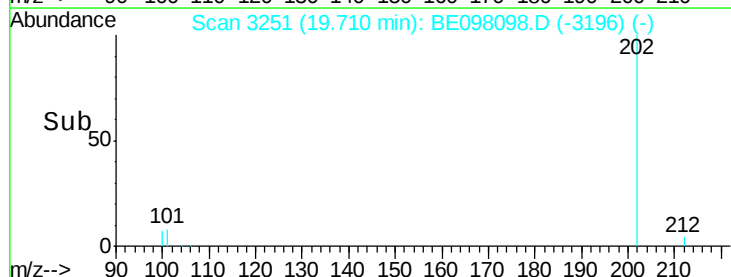
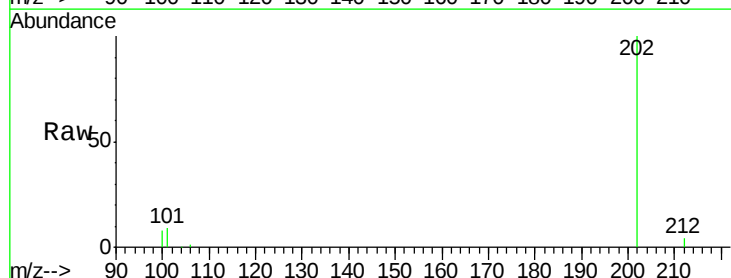
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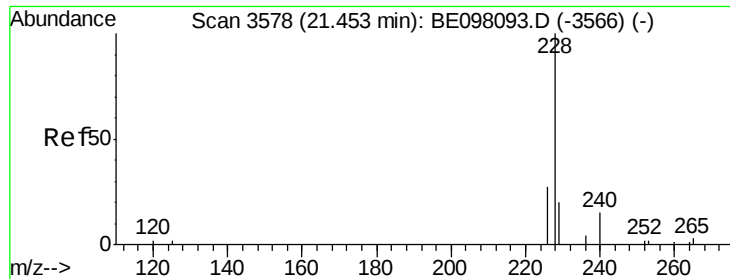
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#17
Pyrene
Concen: 1.114 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BE098098.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	31899		
101	8.6	6.9	10.3	
100	7.7	6.0	9.0	





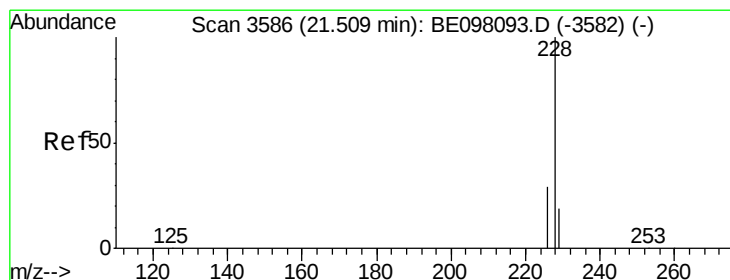
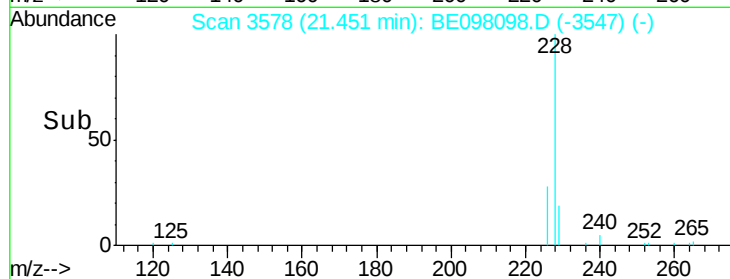
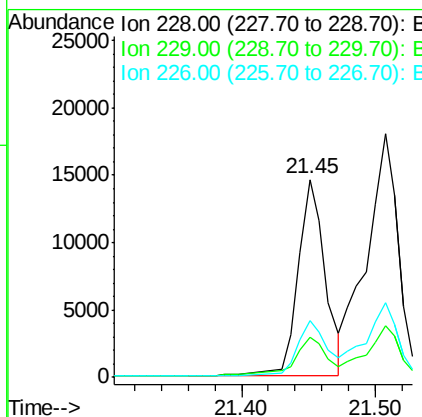
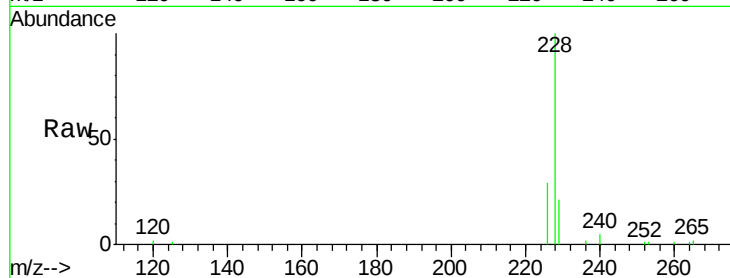
#18
Benzo(a)anthracene
Concen: 0.630 ng/ul
RT: 21.45 min Scan# 3578
Delta R.T. -0.00 min
Lab File: BE098098.D
Acq: 26 Oct 2018 20:57

Instrument :
BNA_E
ClientSampleId :
C0AE3DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.1	24.1
226	28.6	22.2	33.4

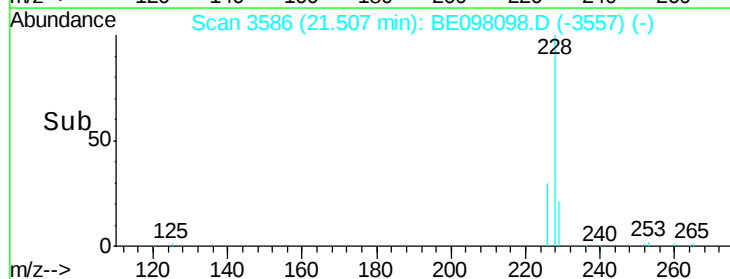
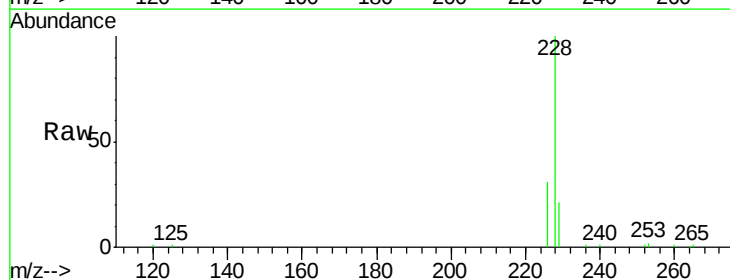
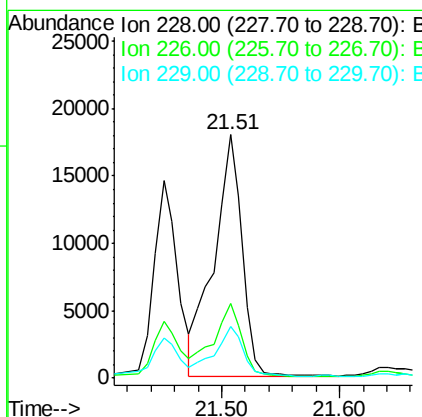
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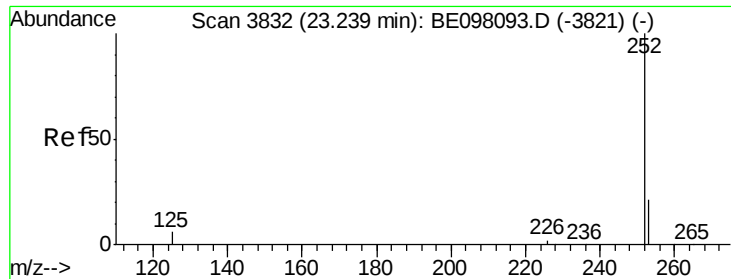
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#19
Chrysene
Concen: 1.063 ng/ul
RT: 21.51 min Scan# 3586
Delta R.T. -0.00 min
Lab File: BE098098.D
Acq: 26 Oct 2018 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	21.2	16.4	24.6





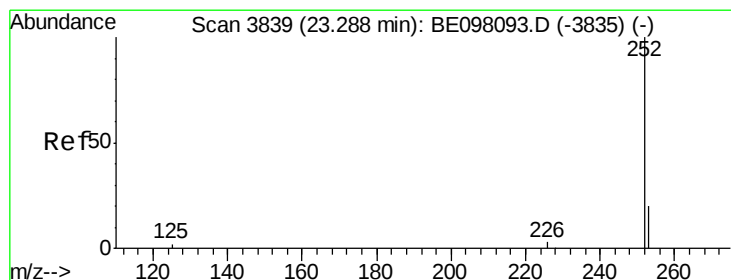
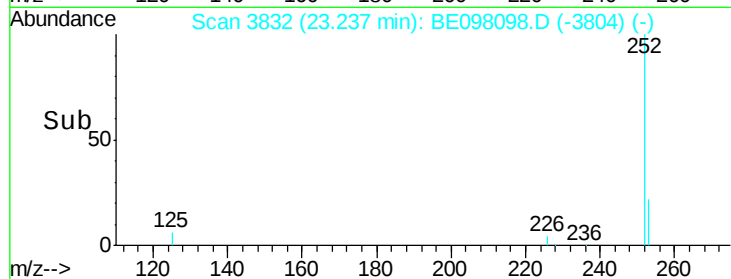
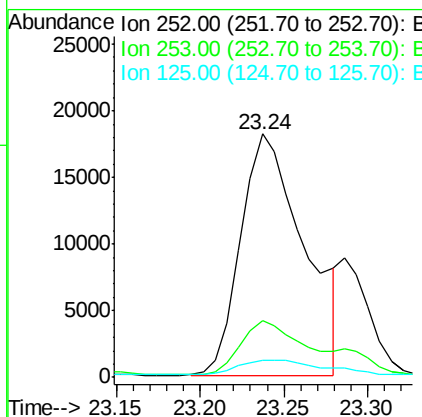
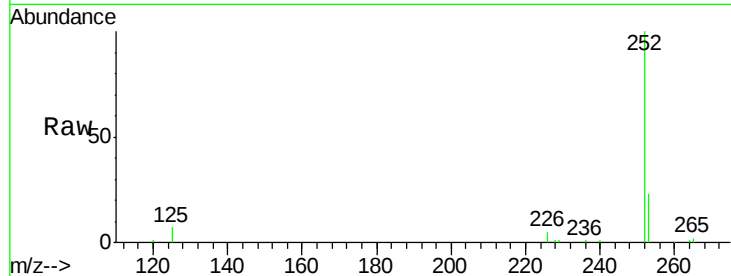
#21
Benzo(b)fluoranthene
Concen: 1.602 ng/ul m
RT: 23.24 min Scan# 3832
Delta R.T. -0.00 min
Lab File: BE098098.D
Acq: 26 Oct 2018 20:57

Instrument :
BNA_E
ClientSampleId :
C0AE3DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	0.0	47.8
125	7.1	0.0	16.8

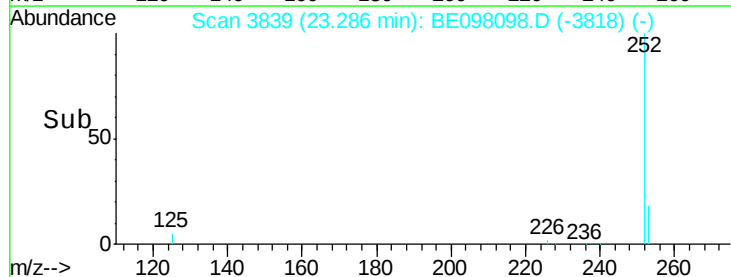
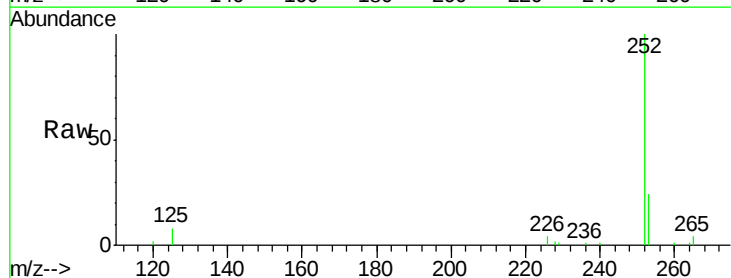
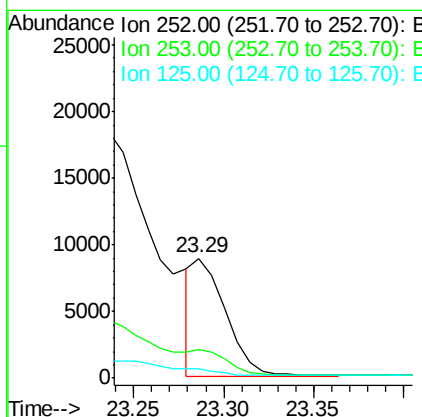
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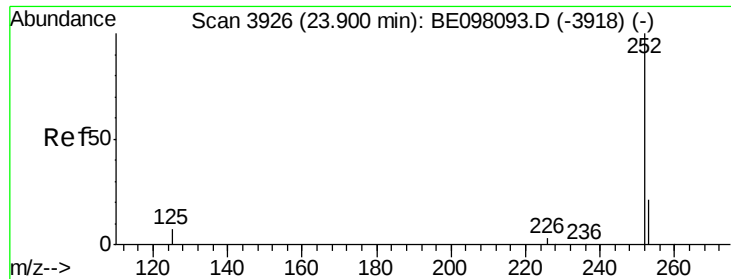
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#22
Benzo(k)fluoranthene
Concen: 0.374 ng/ul m
RT: 23.29 min Scan# 3839
Delta R.T. -0.00 min
Lab File: BE098098.D
Acq: 26 Oct 2018 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.8	19.3	28.9
125	7.5	6.2	9.2





#23

Benzo(a)pyrene

Concen: 0.522 ng/ul

RT: 23.90 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Instrument :

BNA_E

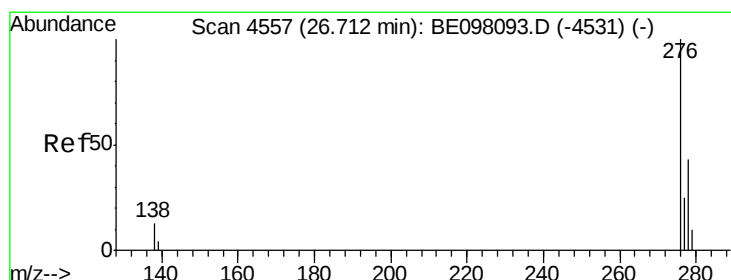
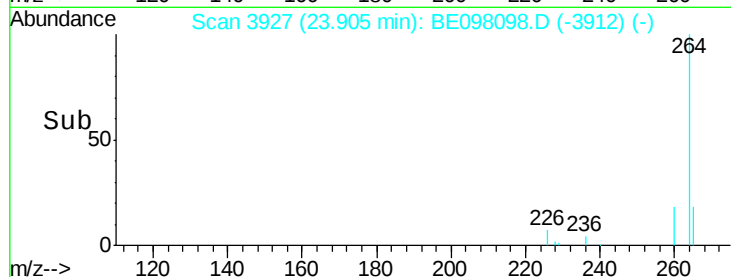
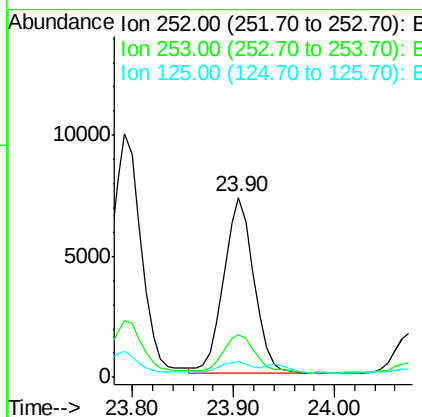
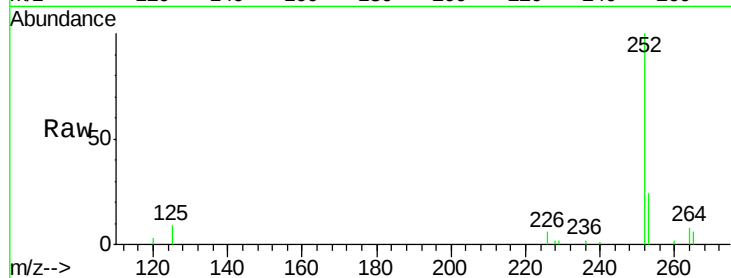
ClientSampleId :

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Tgt Ion:	252	Resp:	15065
Ion Ratio	Lower	Upper	
252	100		
253	23.8	19.4	29.2
125	8.9	7.8	11.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng/ul

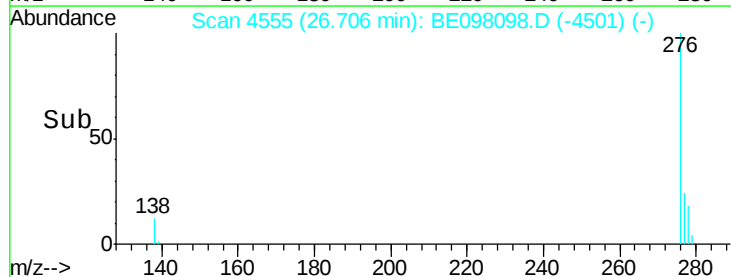
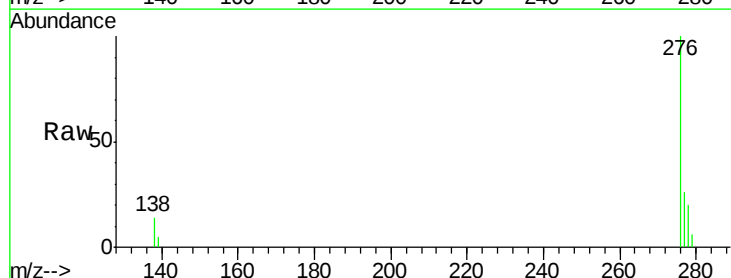
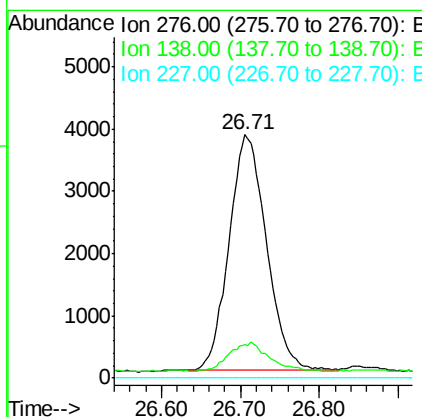
RT: 26.71 min Scan# 4555

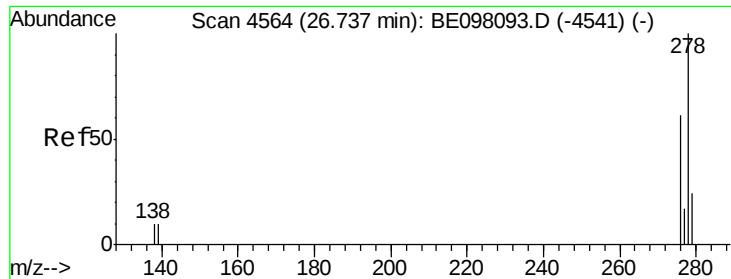
Delta R.T. -0.01 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Tgt Ion:	276	Resp:	12450
Ion Ratio	Lower	Upper	
276	100		
138	13.5	11.8	17.8
227	0.0	0.0	0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.126 ng/ul

RT: 26.73 min Scan# 4563

Delta R.T. -0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Instrument :

BNA_E

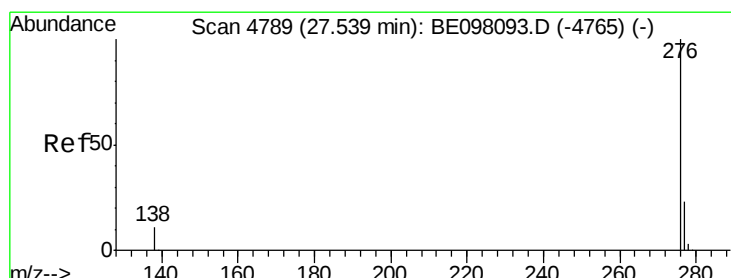
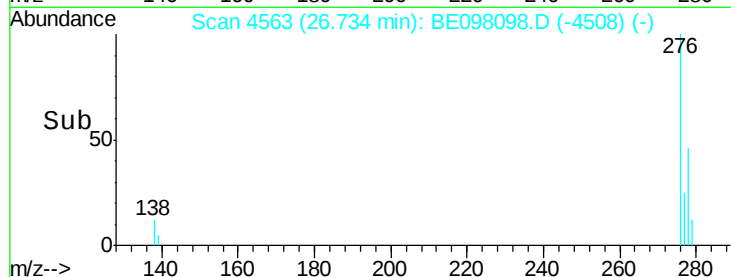
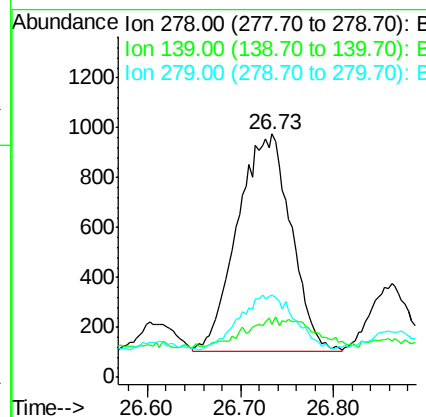
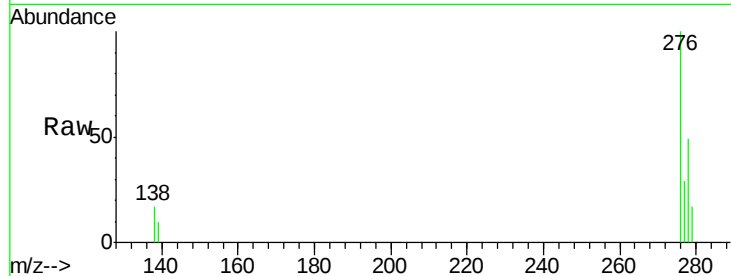
ClientSampleId :

C0AE3DL

Tgt Ion:	278	Resp:	3477
Ion Ratio	Lower	Upper	
278	100		
139	21.5	10.0	15.0#
279	34.0	20.3	30.5#

Manual Integrations
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#26

Benzo(g,h,i)perylene

Concen: 0.332 ng/ul

RT: 27.54 min Scan# 4790

Delta R.T. 0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Tgt Ion:	276	Resp:	9244
Ion Ratio	Lower	Upper	
276	100		
138	14.9	11.6	17.4
277	25.9	20.8	31.2

