

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122818\
 Data File : BE098570.D
 Acq On : 28 Dec 2018 12:27
 Operator : SJ/JU
 Sample : SSTD3.207
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD3.207

Quant Time: Dec 28 13:02:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 11:34:21 2018
 Response via : Initial Calibration

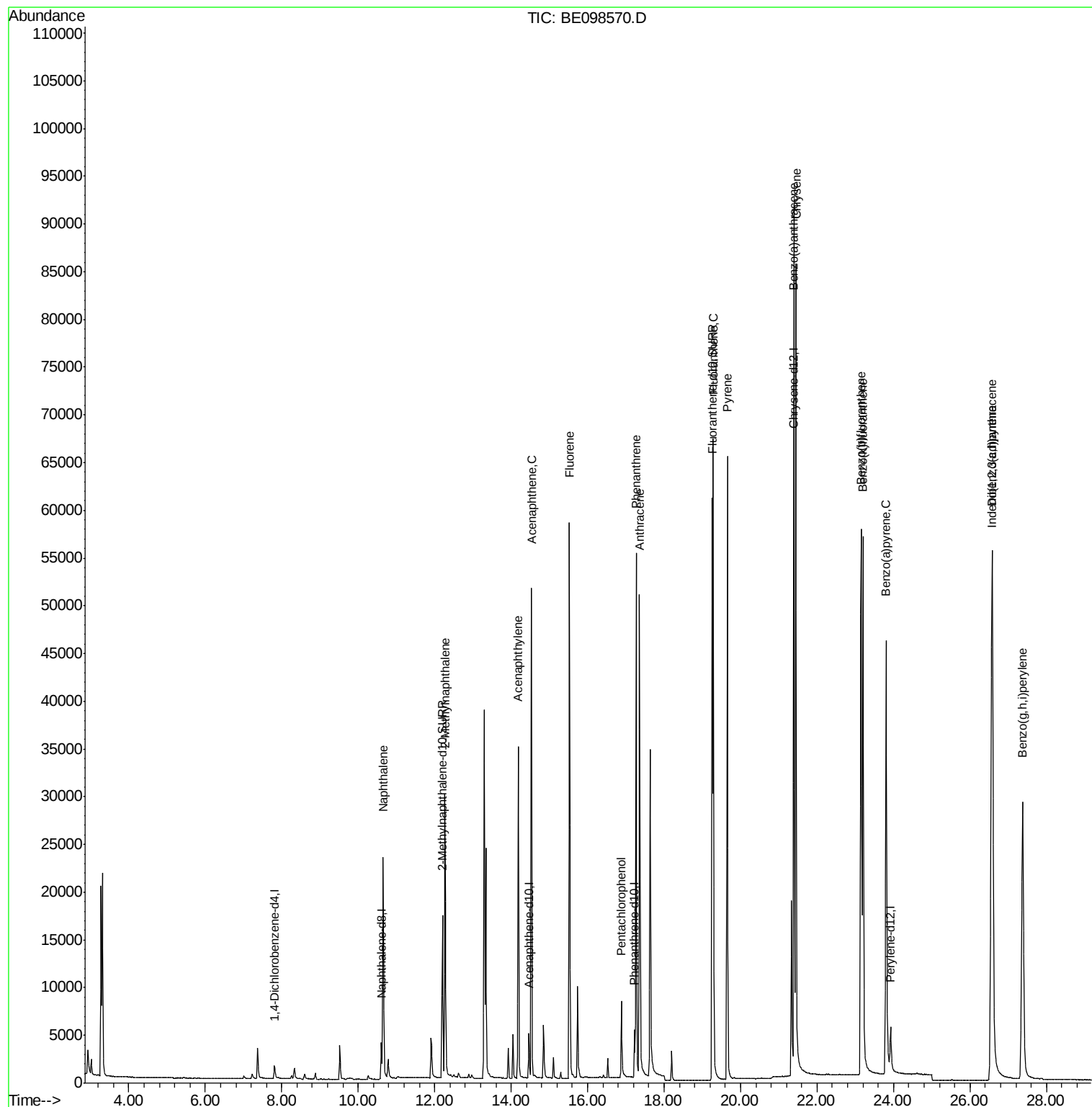
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	930	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	4223	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	2702	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	6549	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	8117	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7455	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	23638	3.14	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	71960	3.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.65	128	37531	3.713	ng/ul	94
5) 2-Methylnaphthalene	12.27	142	26580	3.478	ng/ul	100
7) Acenaphthylene	14.19	152	40893	3.836	ng/ul	97
8) Acenaphthene	14.53	153	30693	3.853	ng/ul	99
9) Fluorene	15.52	166	37224	3.884	ng/ul	98
11) Pentachlorophenol	16.88	266	4577	13.358	ng/ul	96
12) Phenanthrene	17.27	178	59642	3.946	ng/ul	99
13) Anthracene	17.36	178	57935	3.881	ng/ul	99
15) Fluoranthene	19.29	202	78621	4.080	ng/ul	97
17) Pyrene	19.65	202	86524	4.565	ng/ul	98
18) Benzo(a)anthracene	21.39	228	83960	3.518	ng/ul	98
19) Chrysene	21.45	228	88595	4.799	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	83206	4.028	ng/ul	96
22) Benzo(k)fluoranthene	23.20	252	82249	4.068	ng/ul	96
23) Benzo(a)pyrene	23.80	252	78163	3.935	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.57	276	90514	3.976	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.59	278	75117	3.959	ng/ul	97
26) Benzo(g,h,i)perylene	27.38	276	76890	4.012	ng/ul	96

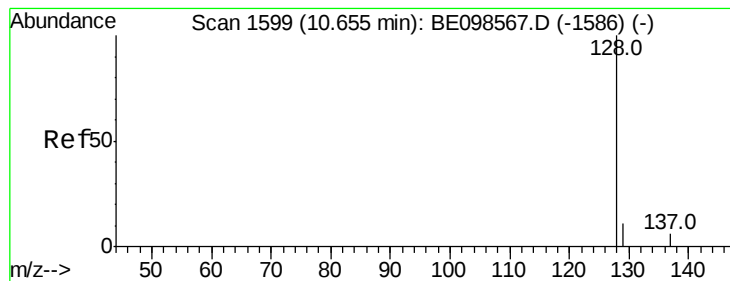
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 28 11:34:21 2018
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#3

Naphthalene

Concen: 3.713 ng/ul

RT: 10.65 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTD3.207

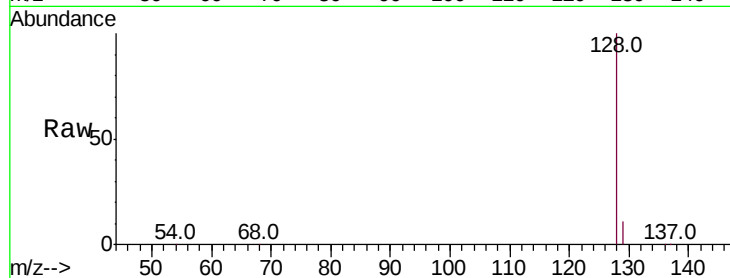
Tot Ion:128 Resp: 37531

Ion Ratio Lower Upper

128 100

129 10.9 10.5 15.7

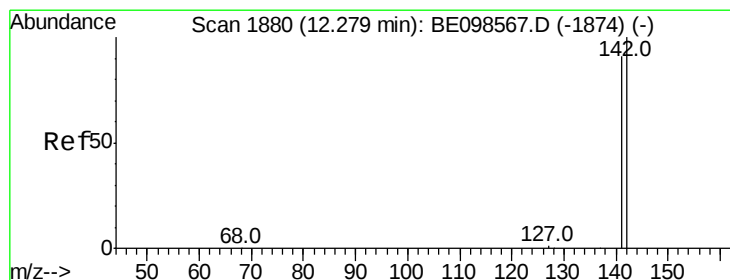
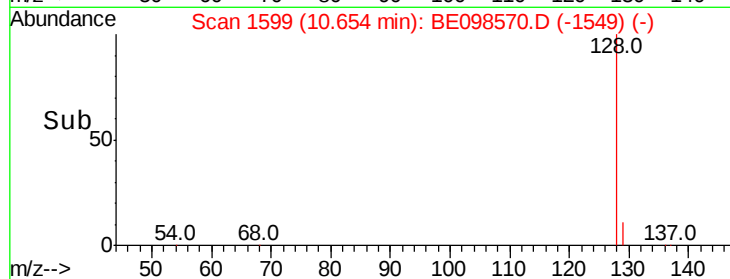
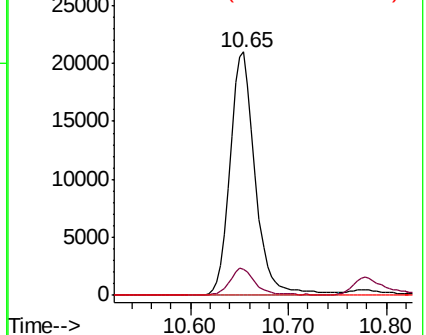
127 0.0 0.0 0.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 3.478 ng/ul

RT: 12.27 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BE098570.D

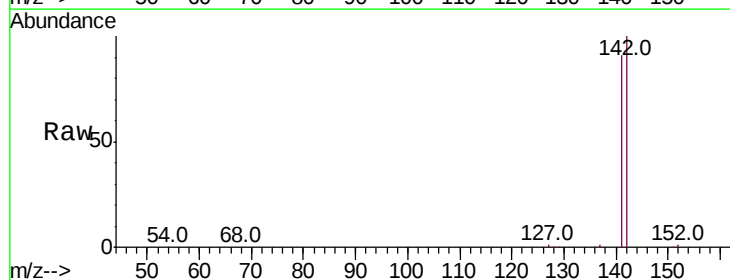
Acq: 28 Dec 2018 12:27

Tgt Ion:142 Resp: 26580

Ion Ratio Lower Upper

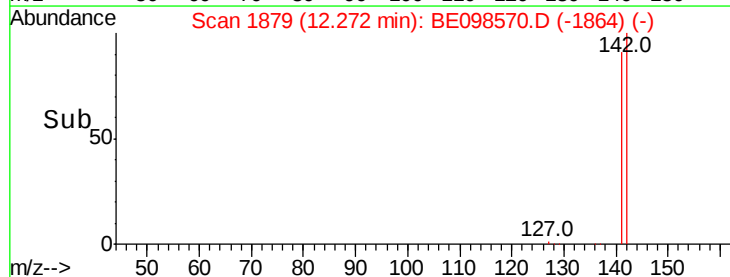
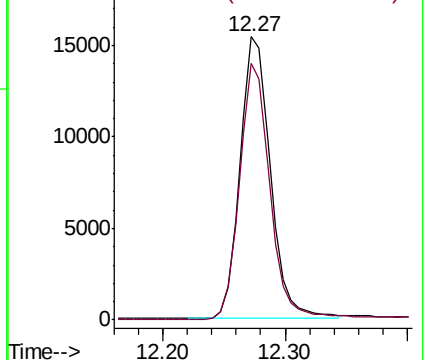
142 100

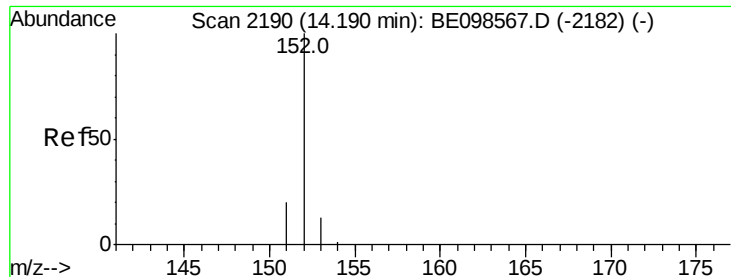
141 90.2 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.836 ng/ul

RT: 14.19 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTD3.207

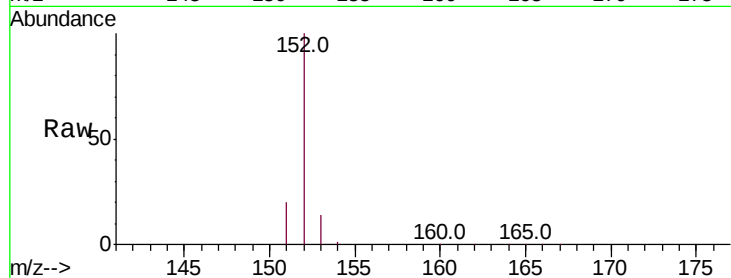
Tot Ion:152 Resp: 40893

Ion Ratio Lower Upper

152 100

151 20.0 17.3 25.9

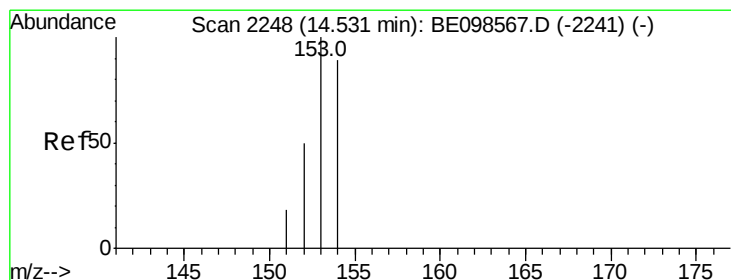
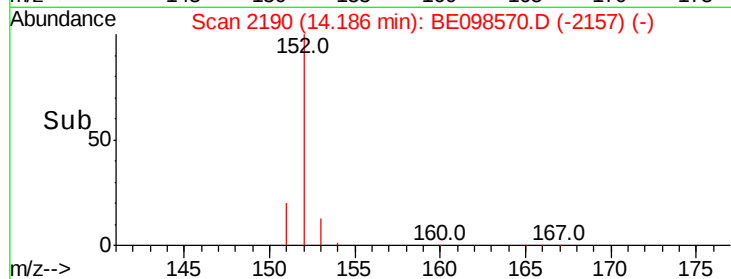
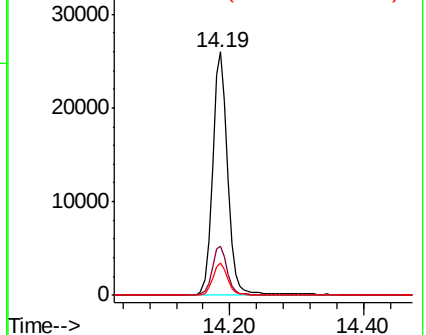
153 13.5 11.9 17.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 3.853 ng/ul

RT: 14.53 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

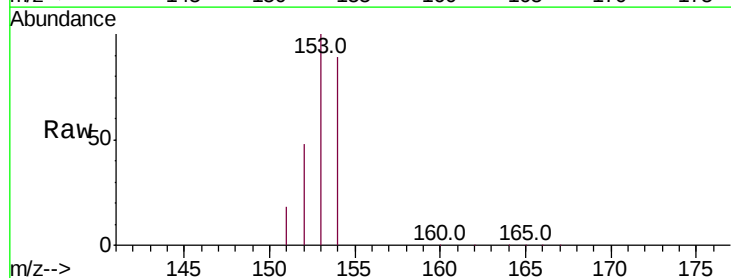
Tgt Ion:153 Resp: 30693

Ion Ratio Lower Upper

153 100

152 47.8 39.4 59.0

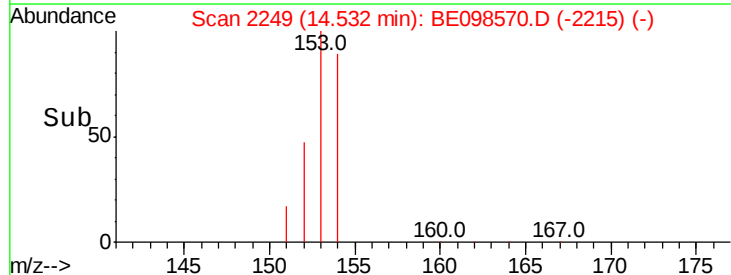
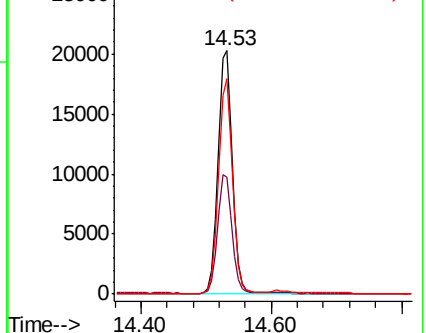
154 88.6 70.5 105.7

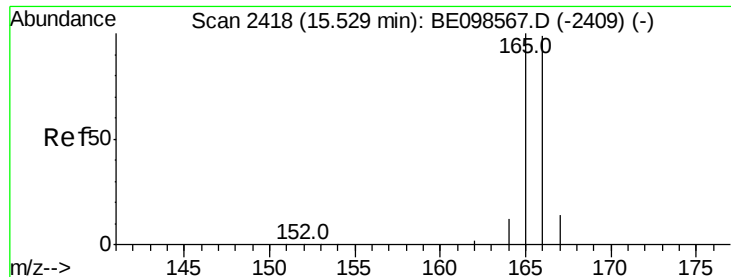


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

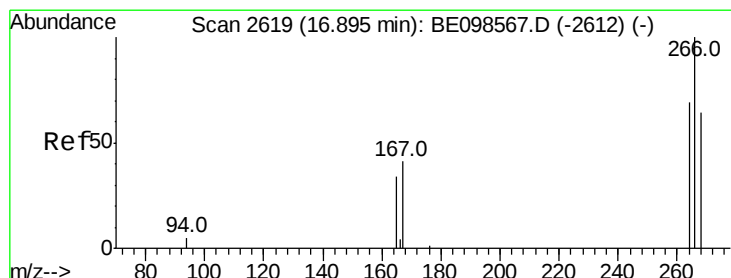
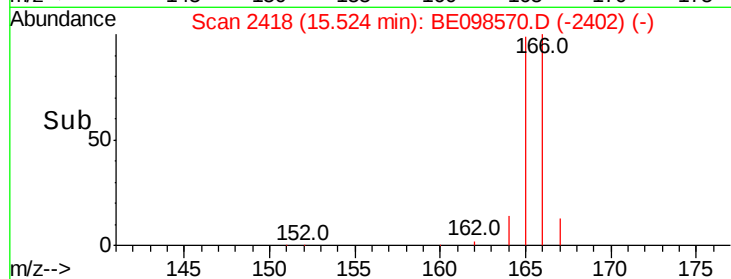
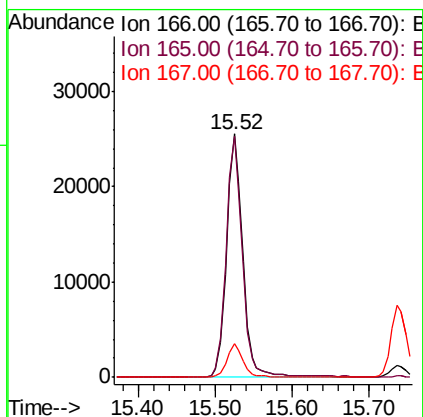
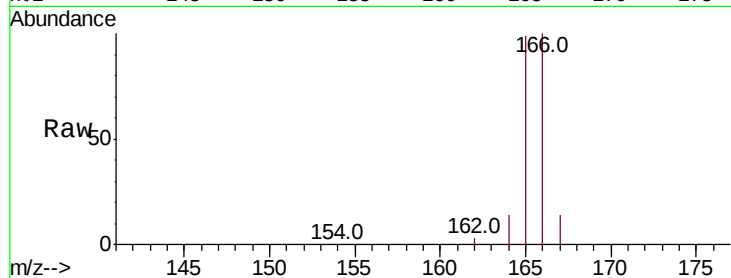




#9
Fluorene
 Concen: 3.884 ng/ul
 RT: 15.52 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BE098570.D
 Acq: 28 Dec 2018 12:27

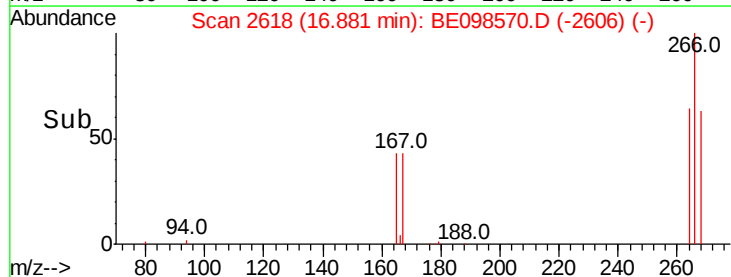
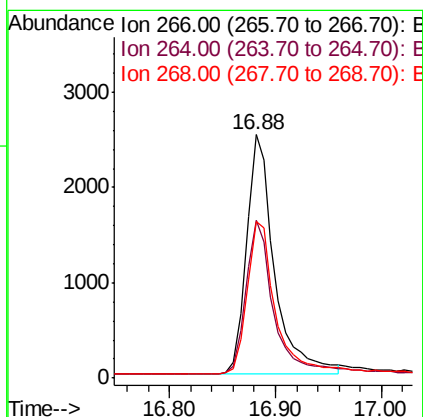
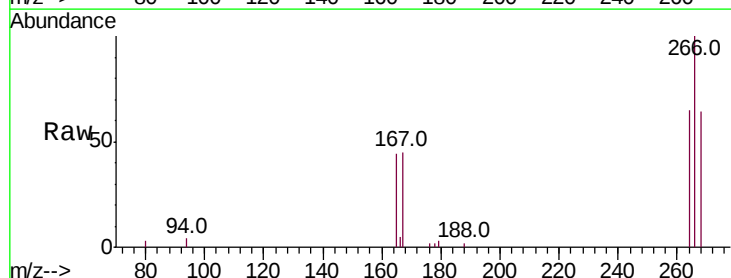
Instrument :
 BNA_E
 ClientSampleId :
 SSTD3.207

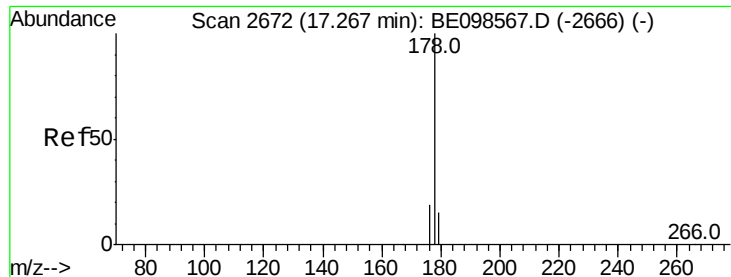
Tot Ion:166 Resp: 37224
 Ion Ratio Lower Upper
 166 100
 165 98.8 80.2 120.4
 167 13.6 12.0 18.0



#11
Pentachlorophenol
 Concen: 13.358 ng/ul
 RT: 16.88 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE098570.D
 Acq: 28 Dec 2018 12:27

Tgt Ion:266 Resp: 4577
 Ion Ratio Lower Upper
 266 100
 264 63.3 48.5 72.7
 268 64.1 53.7 80.5





#12

Phenanthrene

Concen: 3.946 ng/ul

RT: 17.27 min Scan# 2673

Delta R.T. 0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTD3.207

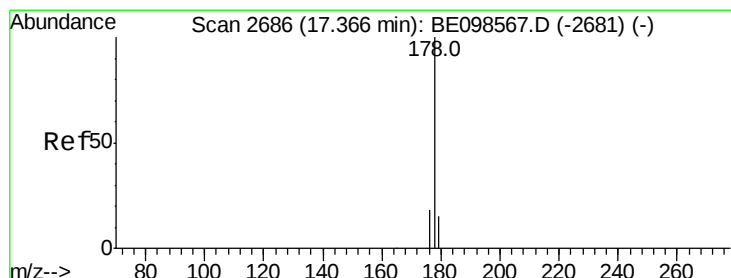
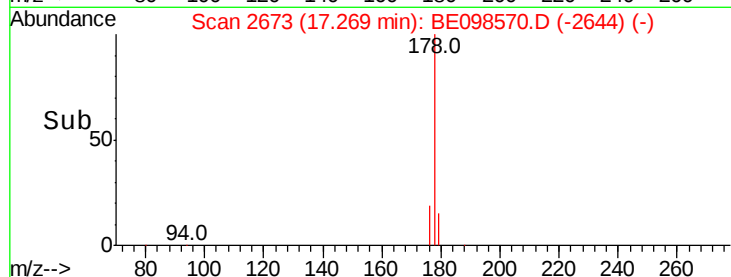
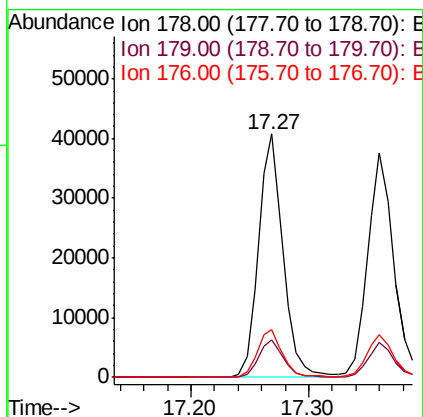
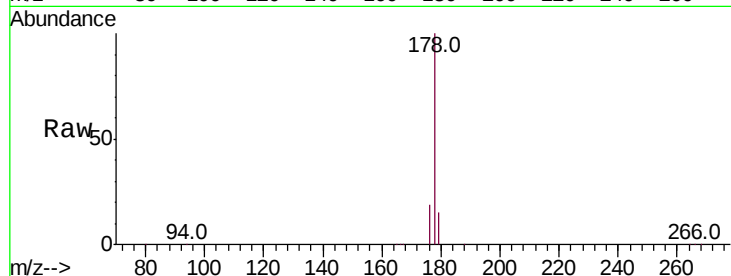
Tot Ion:178 Resp: 59642

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.4

176 19.4 15.7 23.5



#13

Anthracene

Concen: 3.881 ng/ul

RT: 17.36 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

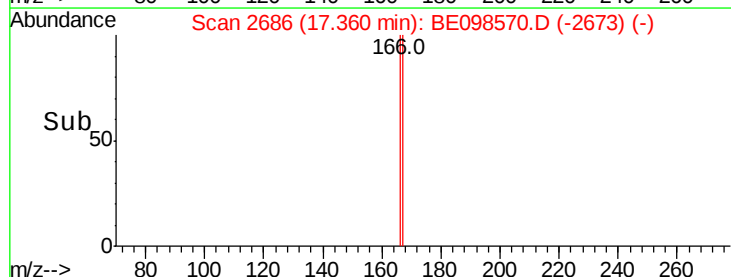
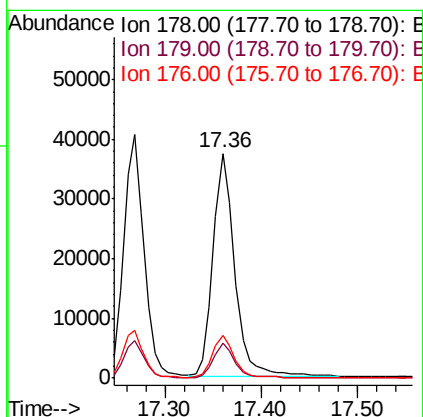
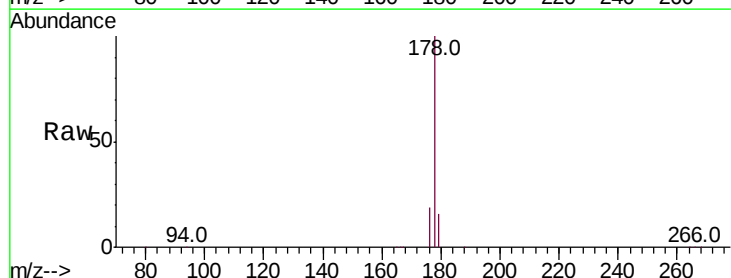
Tgt Ion:178 Resp: 57935

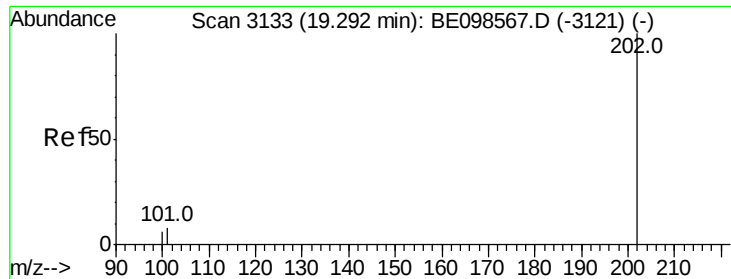
Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 18.9 15.6 23.4





#15

Fluoranthene

Concen: 4.080 ng/ul

RT: 19.29 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTD3.207

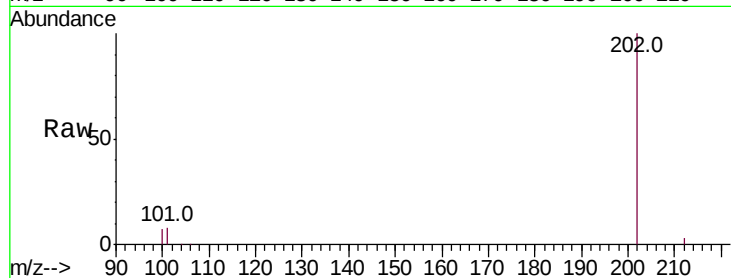
Tot Ion:202 Resp: 78621

Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.5

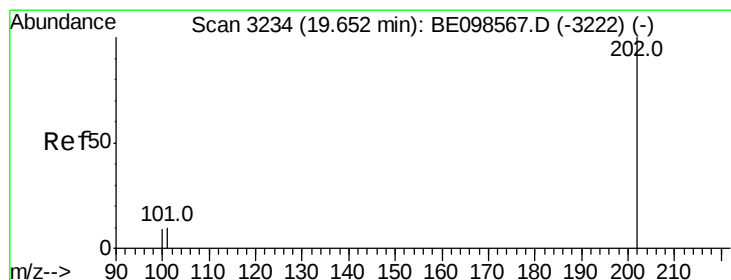
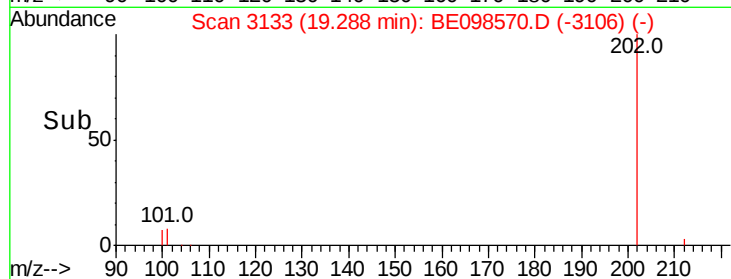
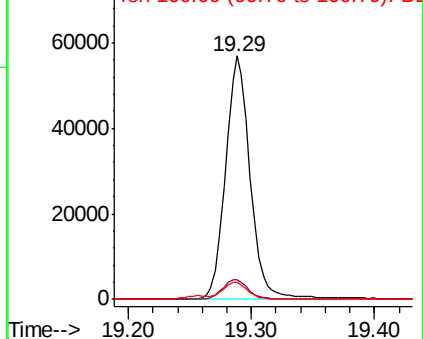
100 7.0 0.0 26.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 4.565 ng/ul

RT: 19.65 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

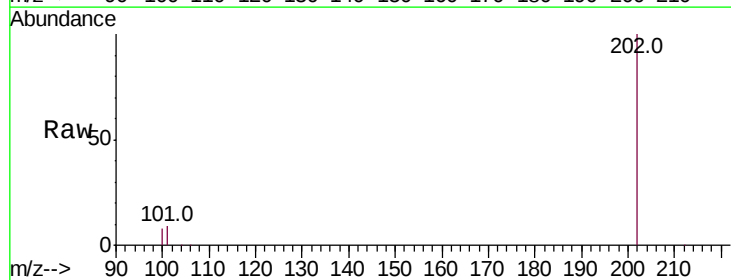
Tgt Ion:202 Resp: 86524

Ion Ratio Lower Upper

202 100

101 9.4 6.9 10.3

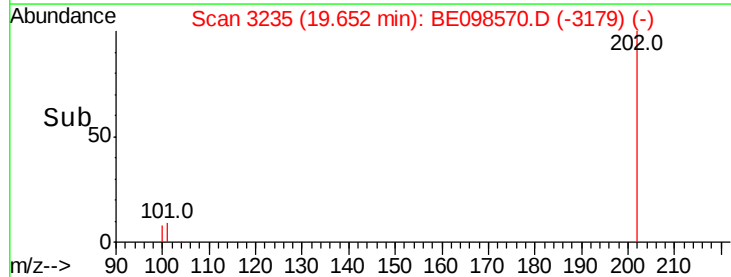
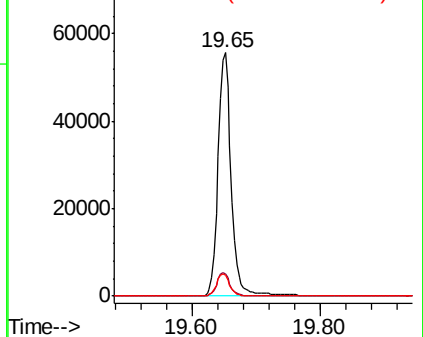
100 8.4 6.0 9.0

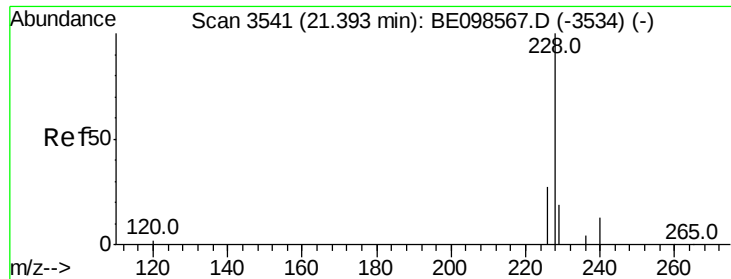


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 3.518 ng/ul

RT: 21.39 min Scan# 3542

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTD3.207

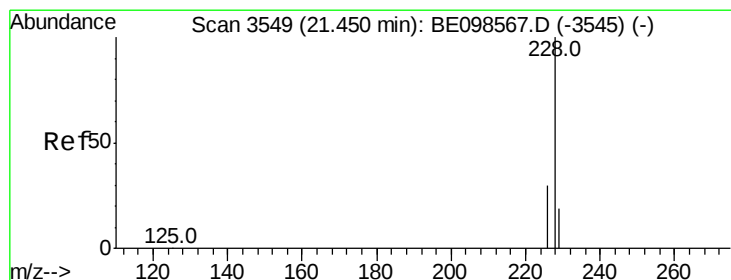
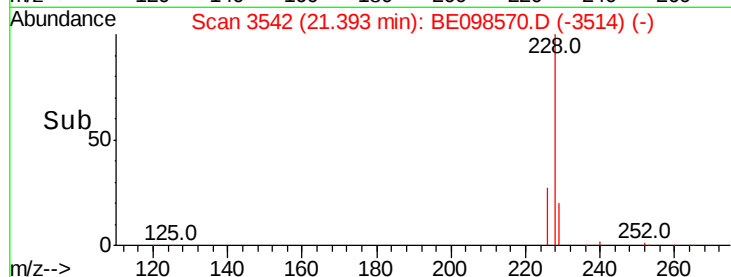
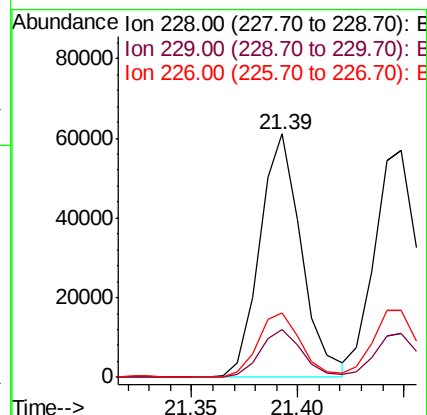
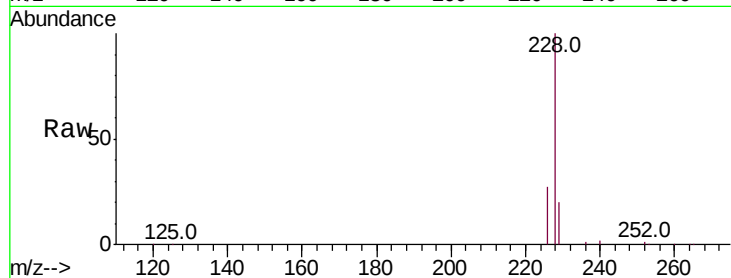
Tot Ion:228 Resp: 83960

Ion Ratio Lower Upper

228 100

229 19.8 16.1 24.1

226 26.7 22.2 33.4



#19

Chrysene

Concen: 4.799 ng/ul

RT: 21.45 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

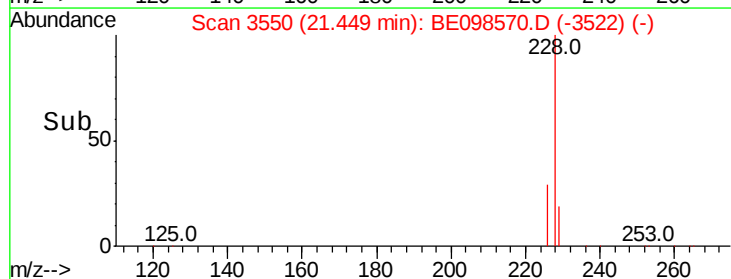
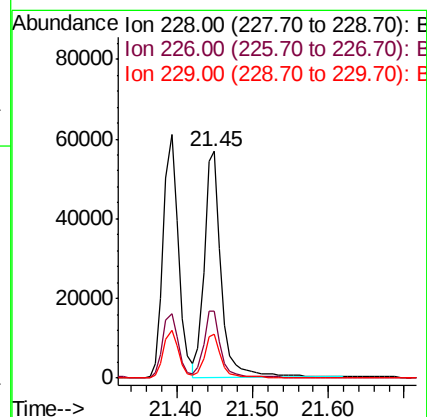
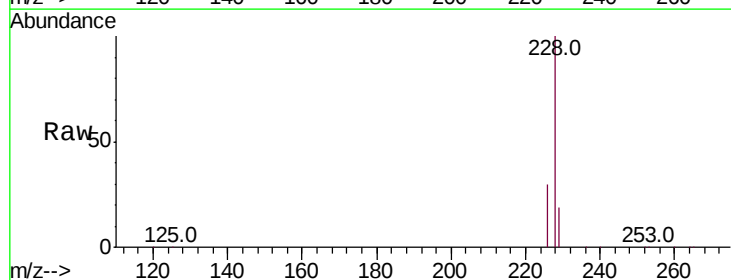
Tgt Ion:228 Resp: 88595

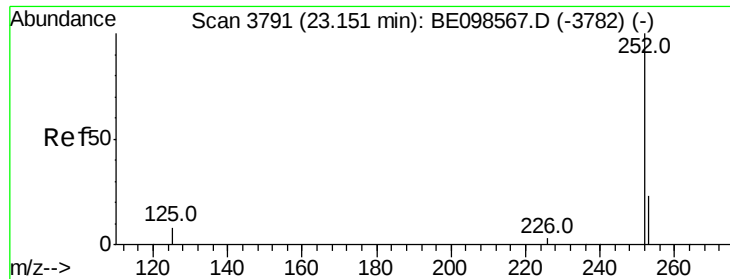
Ion Ratio Lower Upper

228 100

226 29.5 24.6 37.0

229 19.5 16.4 24.6





#21

Benzo(b)fluoranthene

Concen: 4.028 ng/ul

RT: 23.15 min Scan# 3792

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTD3.207

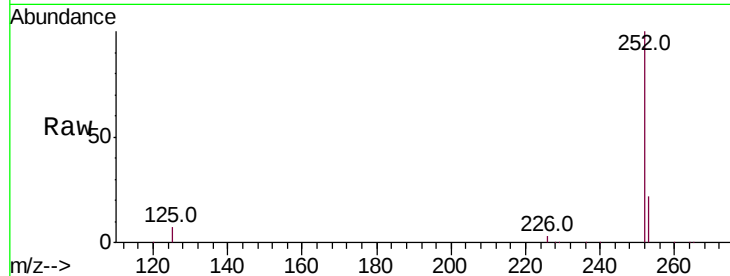
Tot Ion:252 Resp: 83206

Ion Ratio Lower Upper

252 100

253 21.8 0.0 47.8

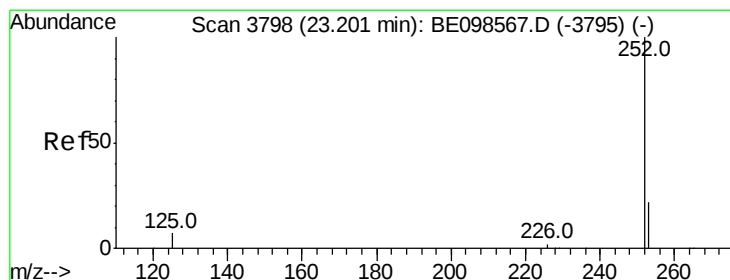
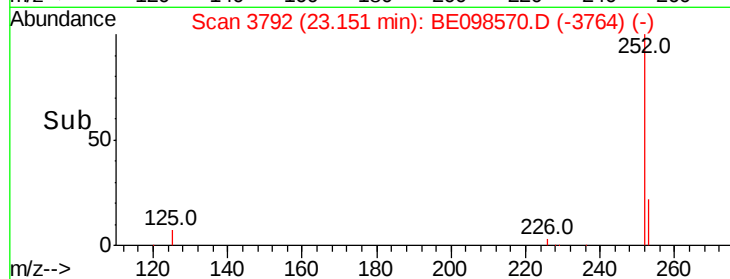
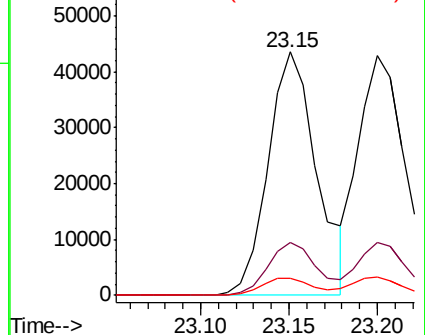
125 7.1 0.0 16.8



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



#22

Benzo(k)fluoranthene

Concen: 4.068 ng/ul

RT: 23.20 min Scan# 3799

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

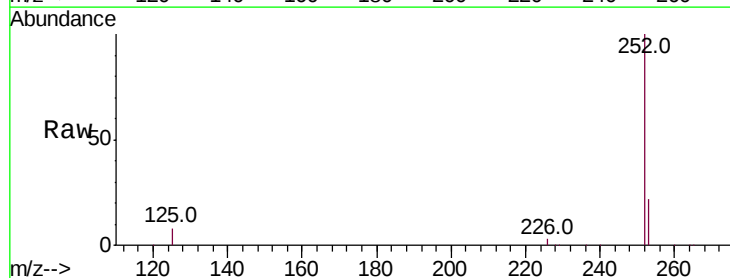
Tgt Ion:252 Resp: 82249

Ion Ratio Lower Upper

252 100

253 21.9 19.3 28.9

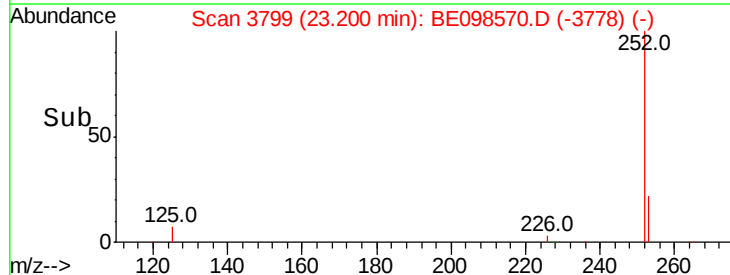
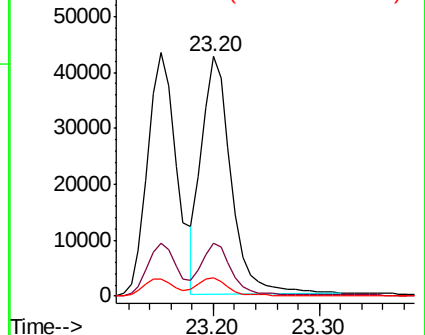
125 7.5 6.2 9.2

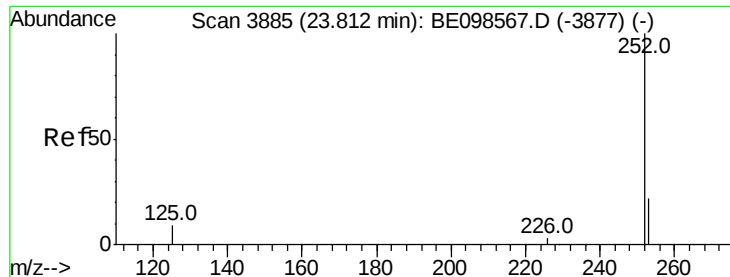


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.935 ng/ul

RT: 23.80 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTD3.207

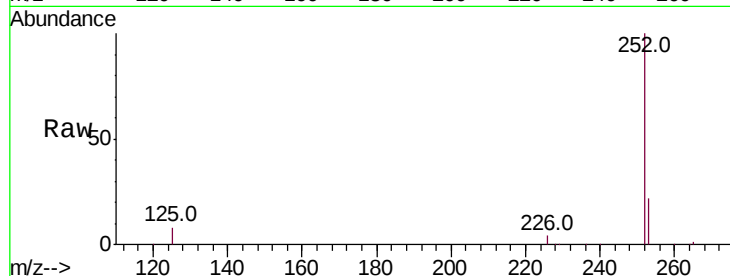
Tot Ion:252 Resp: 78163

Ion Ratio Lower Upper

252 100

253 22.0 19.4 29.2

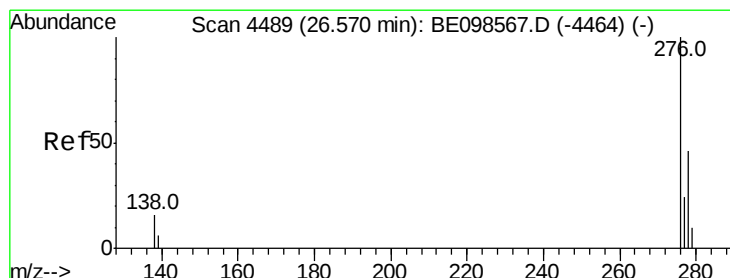
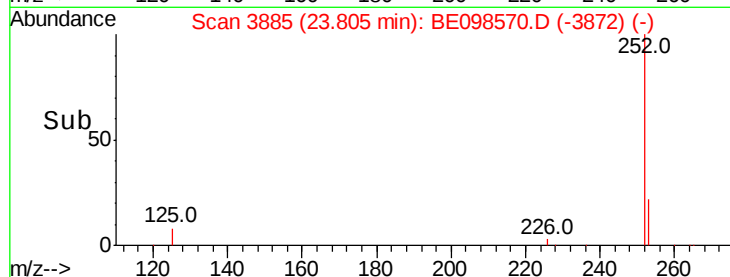
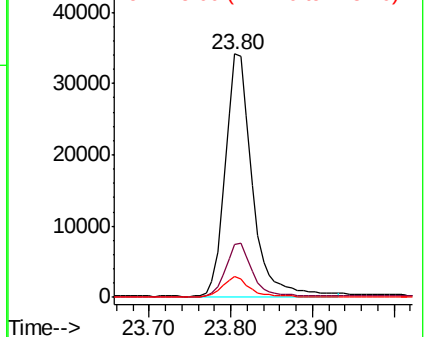
125 8.4 7.8 11.8



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: 3.976 ng/ul

RT: 26.57 min Scan# 4489

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

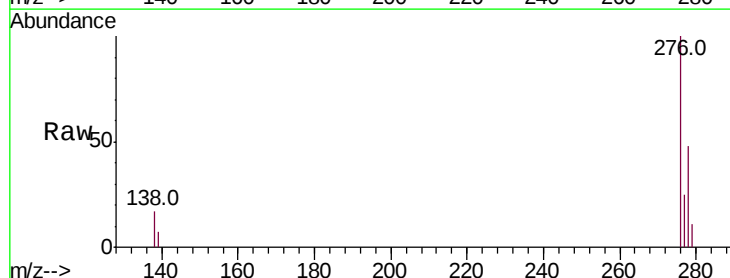
Tgt Ion:276 Resp: 90514

Ion Ratio Lower Upper

276 100

138 18.2 11.8 17.8#

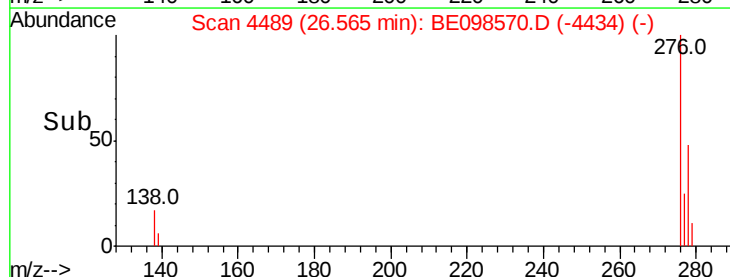
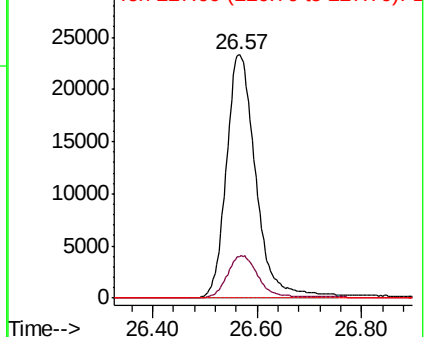
227 0.0 0.0 0.0

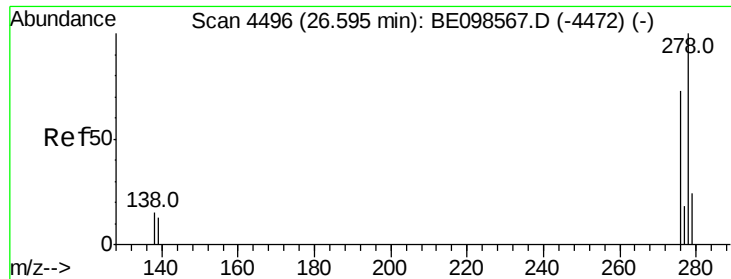


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 3.959 ng/ul

RT: 26.59 min Scan# 4496

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

Instrument :

BNA_E

ClientSampleId :

SSTD3.207

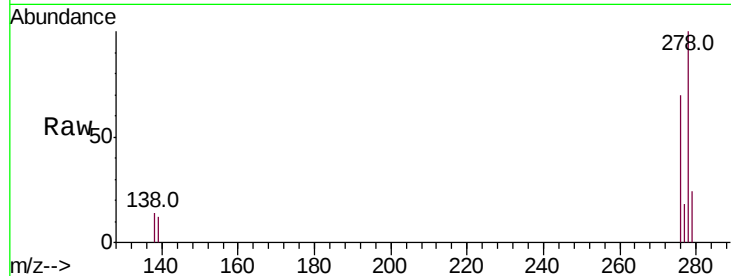
Tot Ion:278 Resp: 75117

Ion Ratio Lower Upper

278 100

139 11.8 10.0 15.0

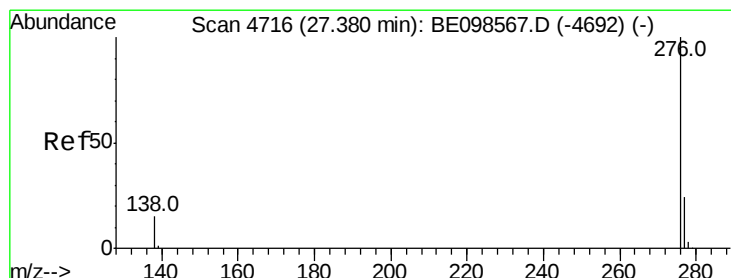
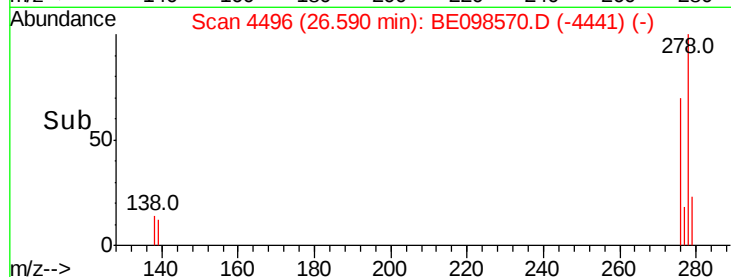
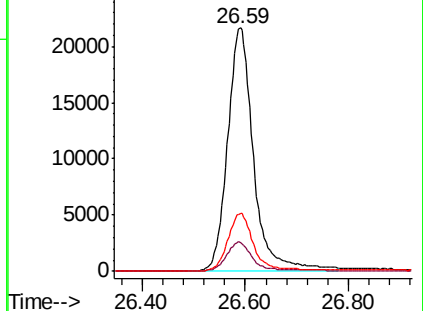
279 23.7 20.3 30.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 4.012 ng/ul

RT: 27.38 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BE098570.D

Acq: 28 Dec 2018 12:27

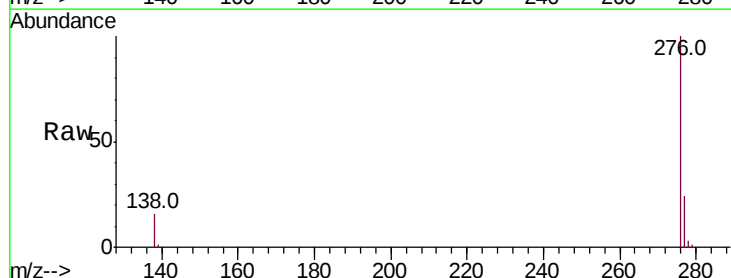
Tgt Ion:276 Resp: 76890

Ion Ratio Lower Upper

276 100

138 16.4 11.6 17.4

277 23.8 20.8 31.2



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

