

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
 Data File : BM002482.D
 Acq On : 18 Aug 2015 11:59
 Operator : UM/IZ
 Sample : G3227-24DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DE3DL

Quant Time: Aug 18 18:21:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 17:52:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	123351	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	574122	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	293336	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	550321	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	372515	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	360432	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.16	160	73001	2.43	ng/ul	0.00
10) Fluorene-d10	16.43	176	48700	2.31	ng/ul	0.00
14) Anthracene-d10	18.26	188	64256	2.42	ng/ul	0.00
18) Pyrene-d10	20.48	212	46763	2.83	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.75	264	34474	1.82	ng/ul	0.00

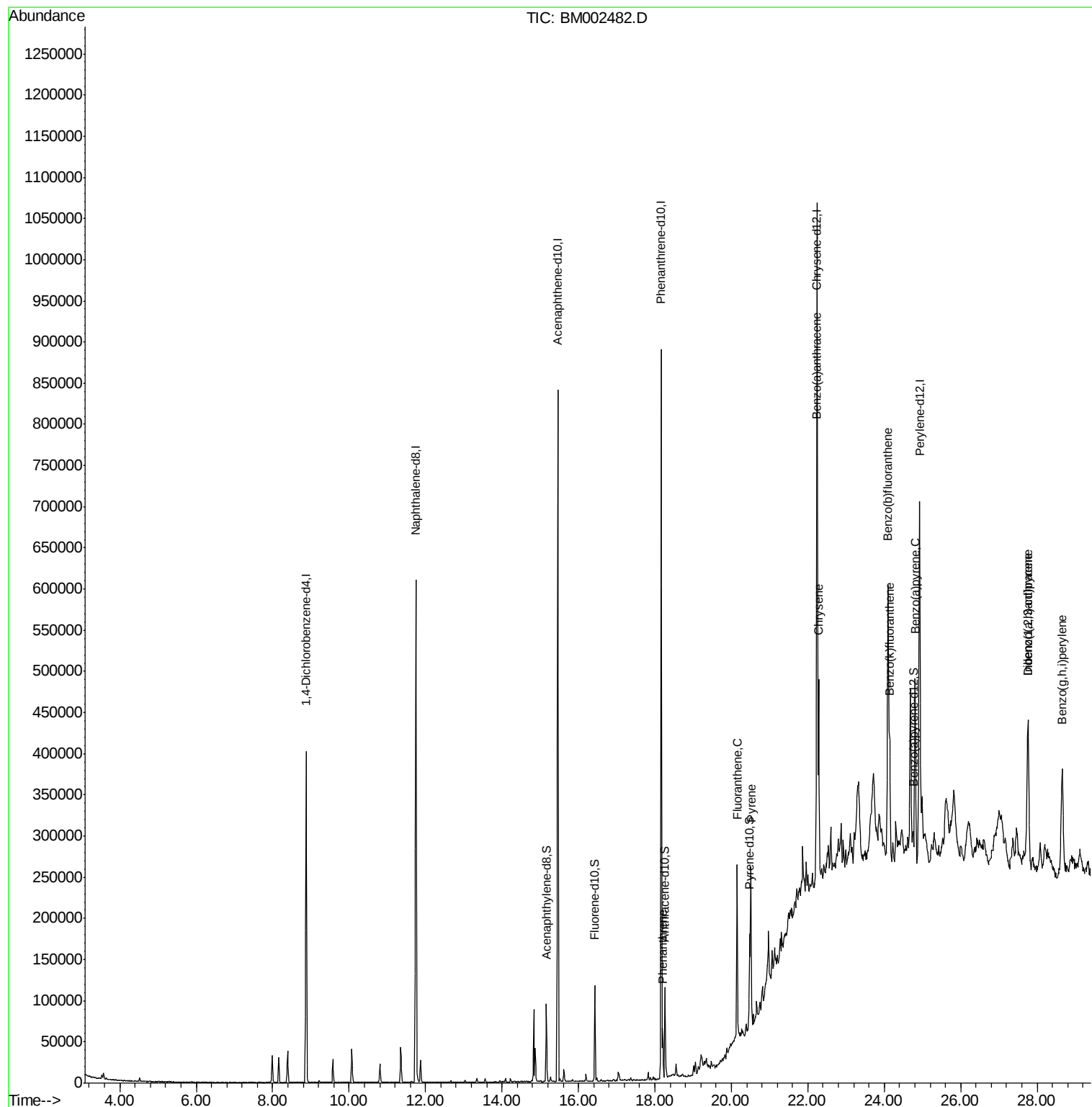
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.20	178	39661	1.25	ng/ul	99
16) Fluoranthene	20.15	202	121026	3.36	ng/ul	98
19) Pyrene	20.51	202	113373	5.20	ng/ul	99
20) Benzo(a)anthracene	22.23	228	124259	5.58	ng/ul	100
21) Chrysene	22.29	228	149444	7.17	ng/ul	97
23) Benzo(b)fluoranthene	24.10	252	325909	14.96	ng/ul	97
24) Benzo(k)fluoranthene	24.14	252	90078m	4.36	ng/ul	
26) Benzo(a)pyrene	24.80	252	190918	9.17	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.77	276	179705	7.51	ng/ul	95
28) Dibenzo(a,h)anthracene	27.76	278	58632	2.93	ng/ul#	78
29) Benzo(g,h,i)perylene	28.65	276	155470	7.80	ng/ul	96

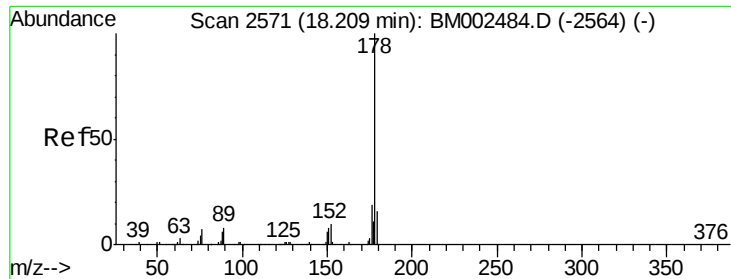
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.25 ng/ul

RT: 18.20 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BM002482.D

Acq: 18 Aug 2015 11:59

Instrument :

BNA_M

ClientSampleId :

D9DE3DL

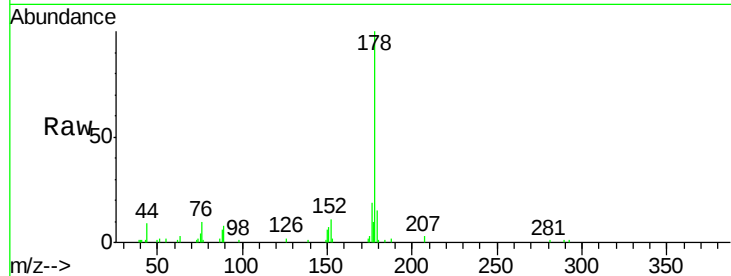
Tgt Ion:178 Resp: 39661

Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

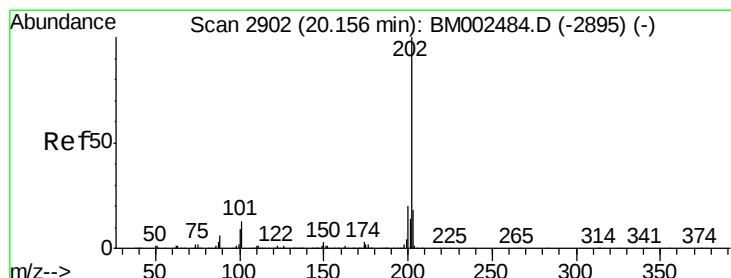
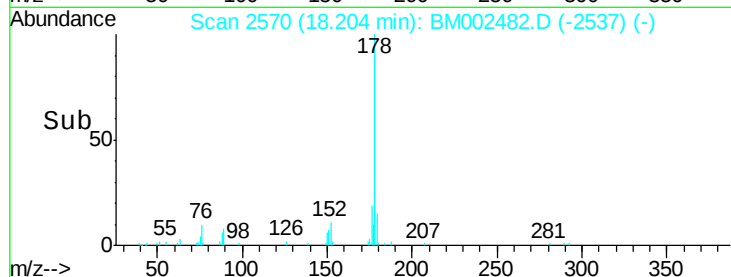
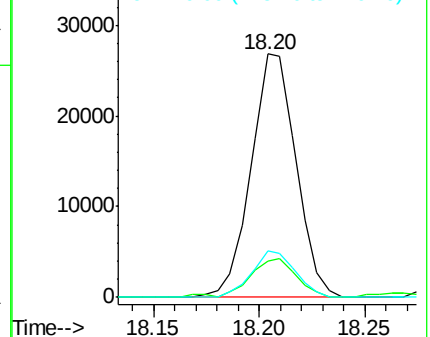
176 19.1 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 3.36 ng/ul

RT: 20.15 min Scan# 2901

Delta R.T. -0.01 min

Lab File: BM002482.D

Acq: 18 Aug 2015 11:59

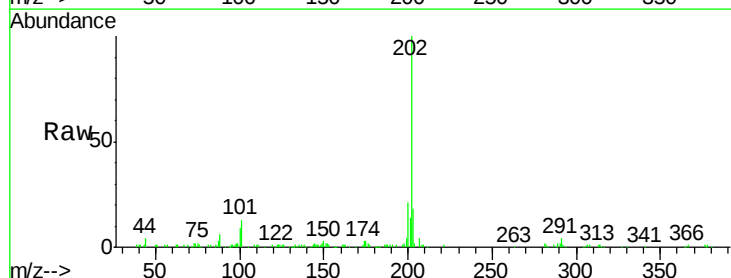
Tgt Ion:202 Resp: 121026

Ion Ratio Lower Upper

202 100

101 13.1 9.7 14.5

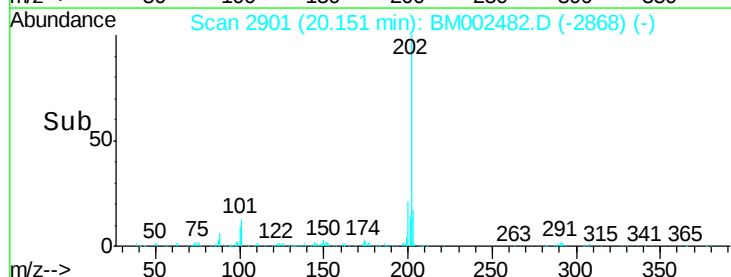
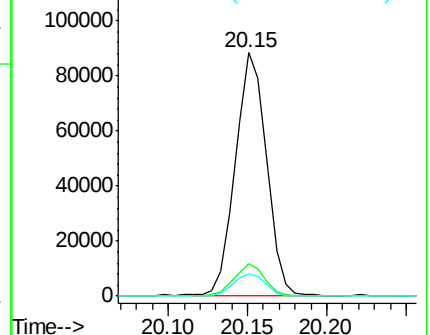
100 9.3 7.4 11.2

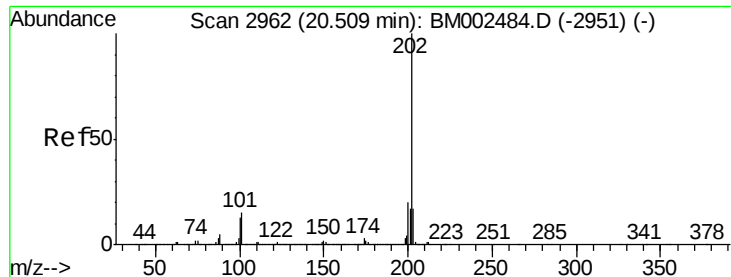


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

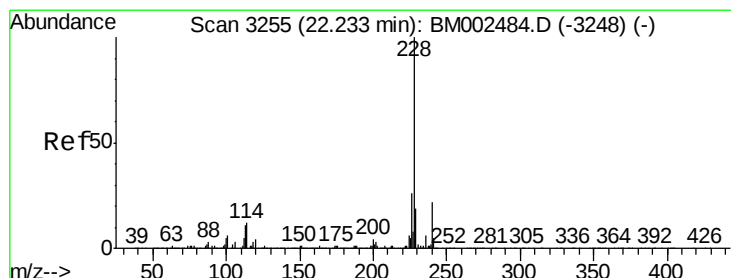
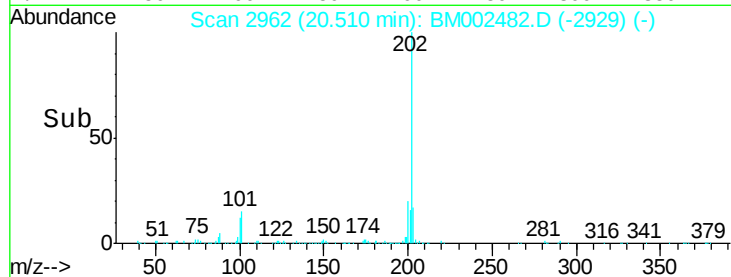
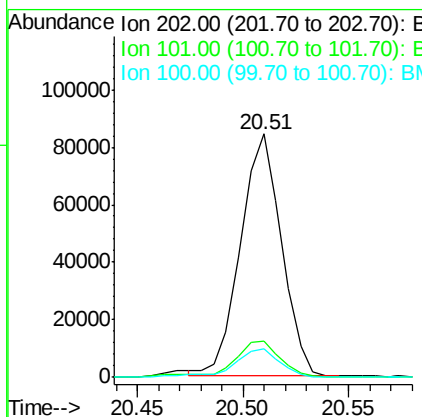
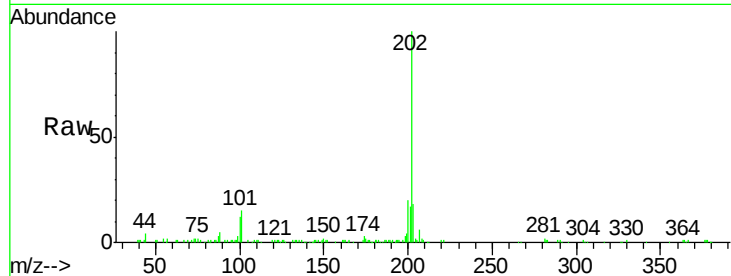




#19
Pyrene
Concen: 5.20 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM002482.D
Acq: 18 Aug 2015 11:59

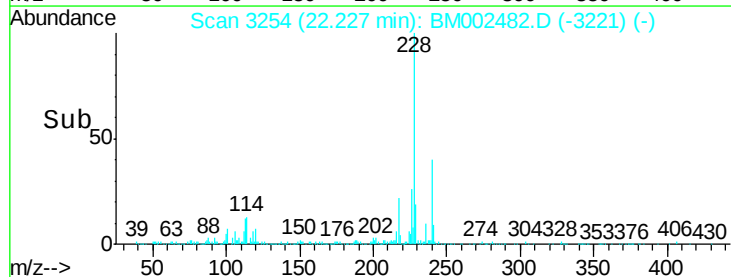
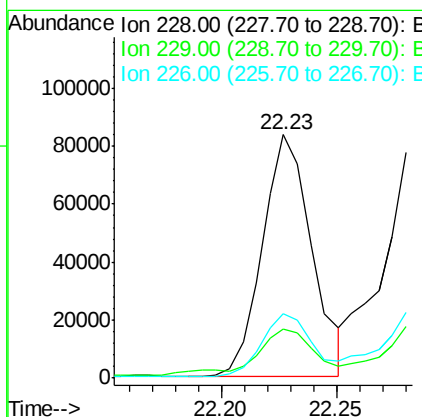
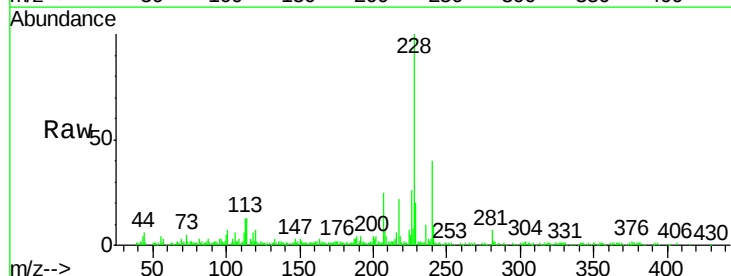
Instrument :
BNA_M
ClientSampleId :
D9DE3DL

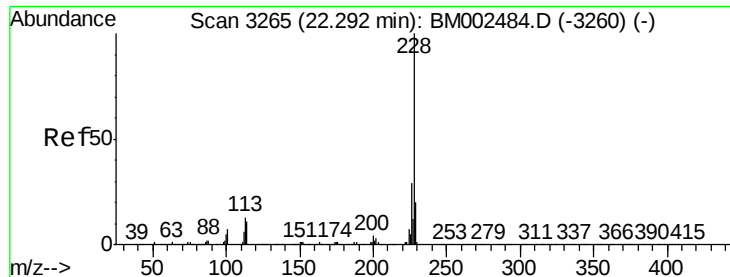
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.0	18.0
100	11.6	9.7	14.5



#20
Benzo(a)anthracene
Concen: 5.58 ng/ul
RT: 22.23 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BM002482.D
Acq: 18 Aug 2015 11:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	26.5	21.1	31.7





#21

Chrysene

Concen: 7.17 ng/ul

RT: 22.29 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM002482.D

Acq: 18 Aug 2015 11:59

Instrument :

BNA_M

ClientSampleId :

D9DE3DL

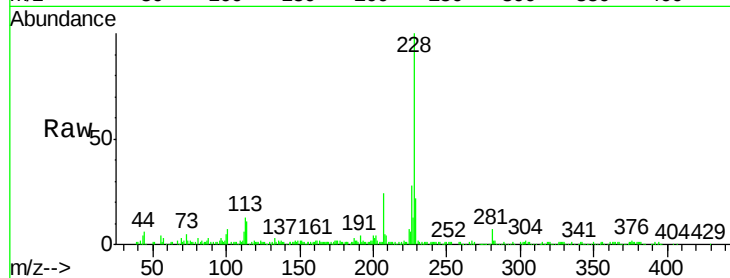
Tgt Ion:228 Resp: 149444

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

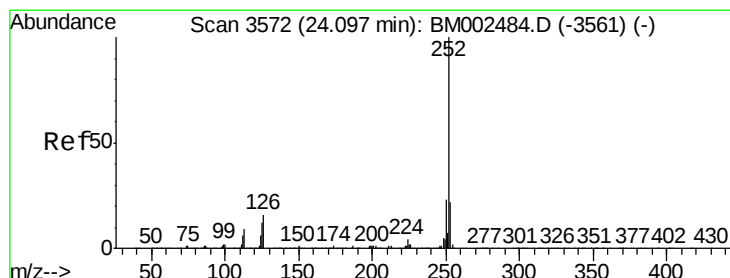
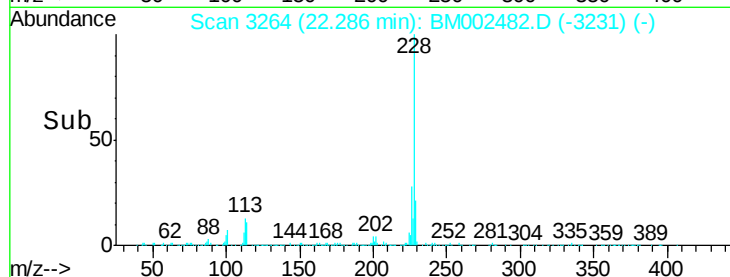
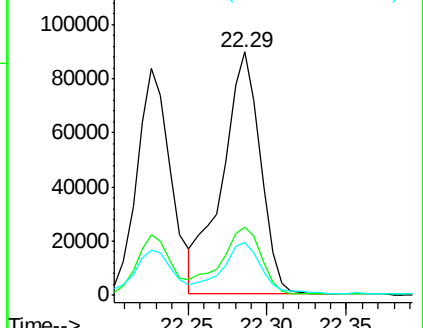
229 21.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 14.96 ng/ul

RT: 24.10 min Scan# 3572

Delta R.T. 0.00 min

Lab File: BM002482.D

Acq: 18 Aug 2015 11:59

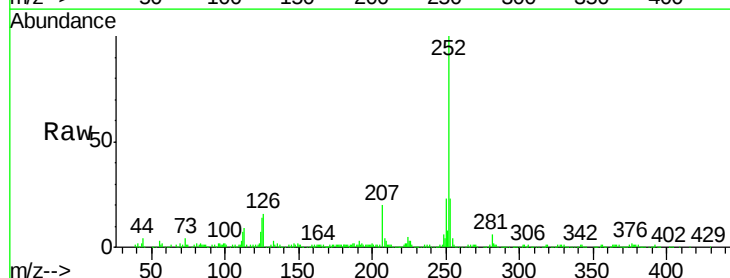
Tgt Ion:252 Resp: 325909

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

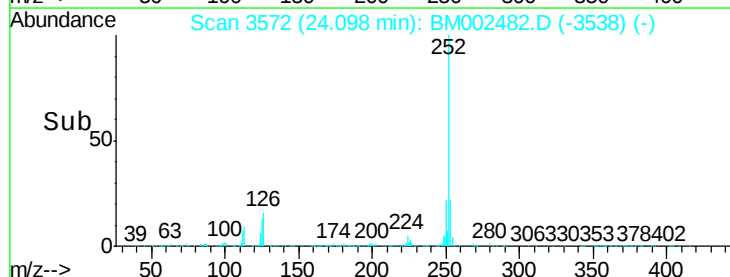
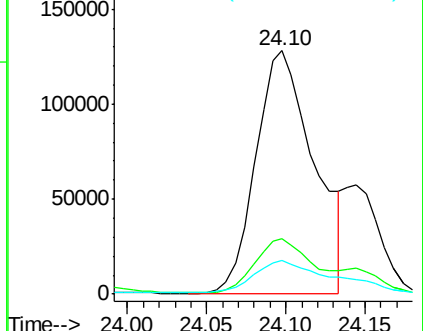
125 13.9 10.0 15.0

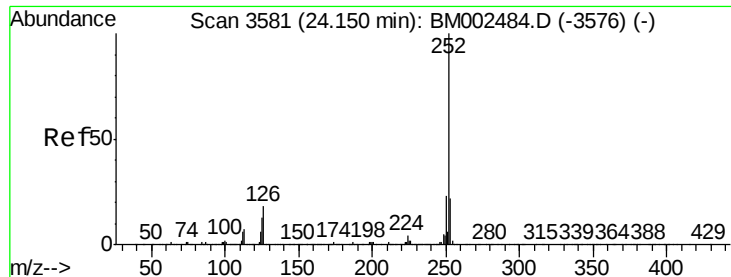


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 4.36 ng/ul m

RT: 24.14 min Scan# 3580

Delta R.T. -0.01 min

Lab File: BM002482.D

Acq: 18 Aug 2015 11:59

Instrument :

BNA_M

ClientSampleId :

D9DE3DL

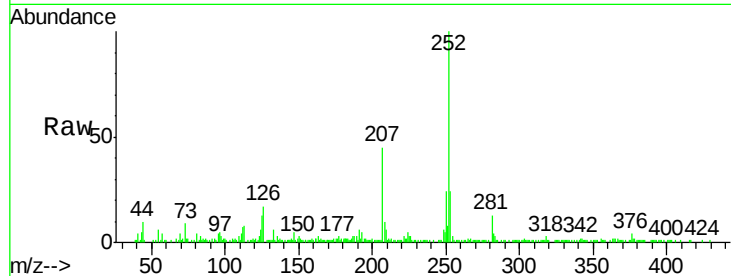
Tgt Ion:252 Resp: 90078

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

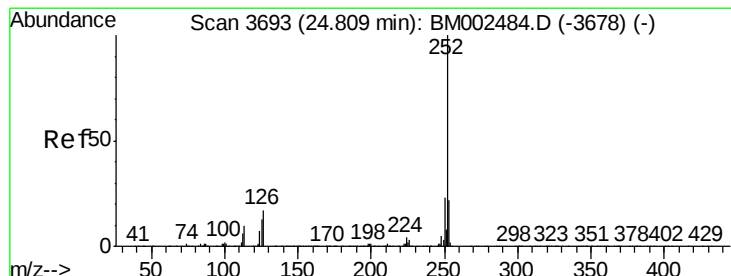
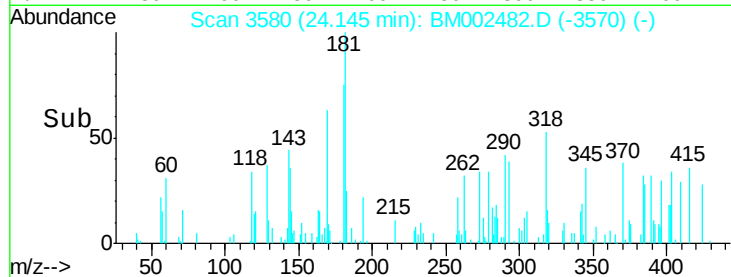
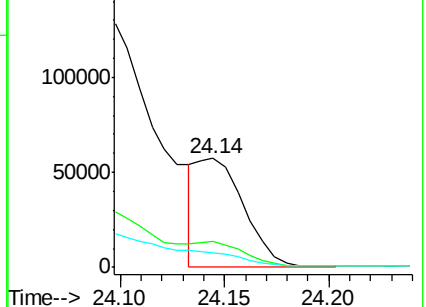
125 13.2 9.8 14.8



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



#26

Benzo(a)pyrene

Concen: 9.17 ng/ul

RT: 24.80 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BM002482.D

Acq: 18 Aug 2015 11:59

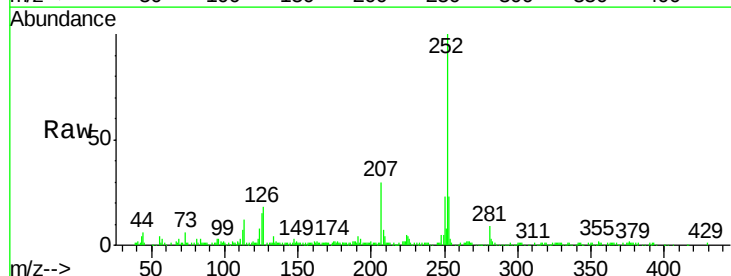
Tgt Ion:252 Resp: 190918

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

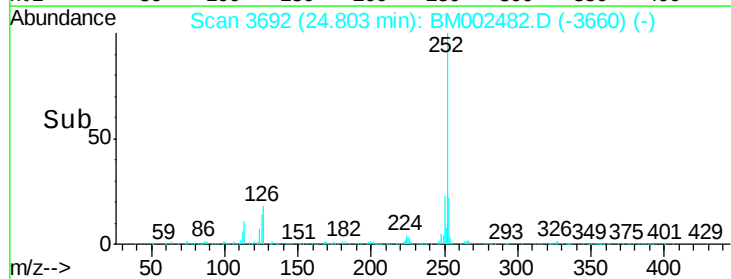
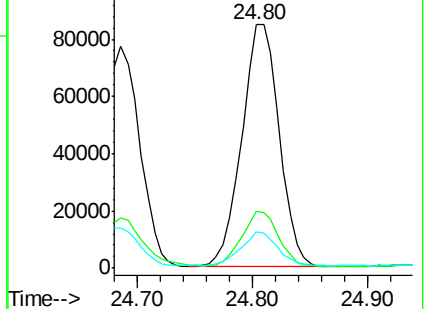
125 14.8 10.7 16.1

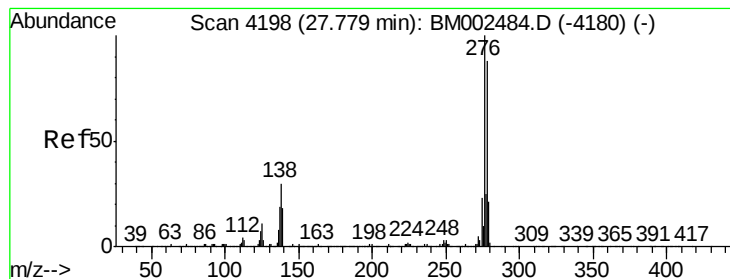


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Indeno(1,2,3-cd)pyrene

Concen: 7.51 ng/ul

RT: 27.77 min Scan# 4196

Delta R.T. -0.01 min

Lab File: BM002482.D

Acq: 18 Aug 2015 11:59

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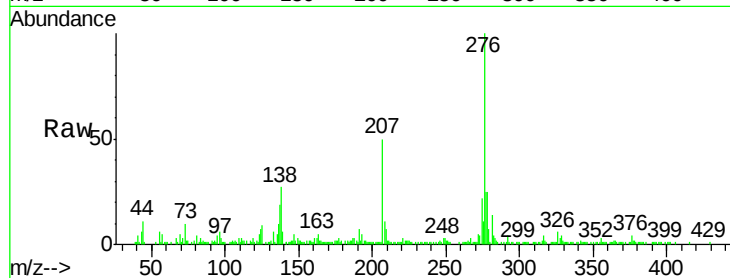
Tgt Ion:276 Resp: 179705

Ion Ratio Lower Upper

276 100

138 26.6 25.3 37.9

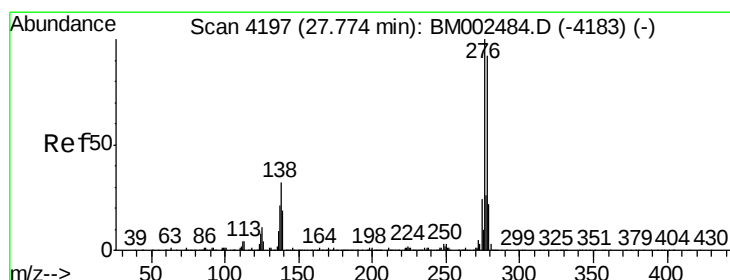
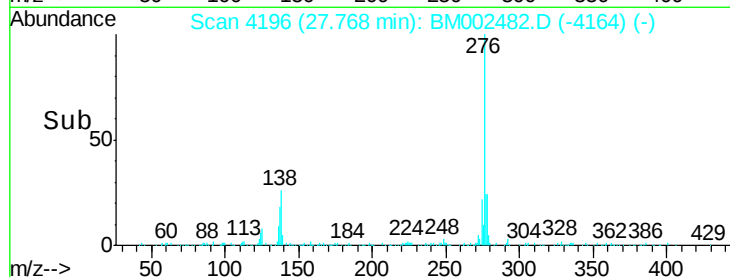
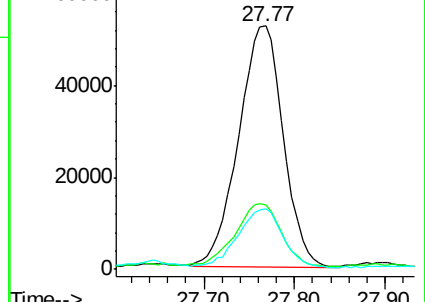
277 24.9 20.2 30.2



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



#28

Dibenzo(a,h)anthracene

Concen: 2.93 ng/ul

RT: 27.76 min Scan# 4195

Delta R.T. -0.02 min

Lab File: BM002482.D

Acq: 18 Aug 2015 11:59

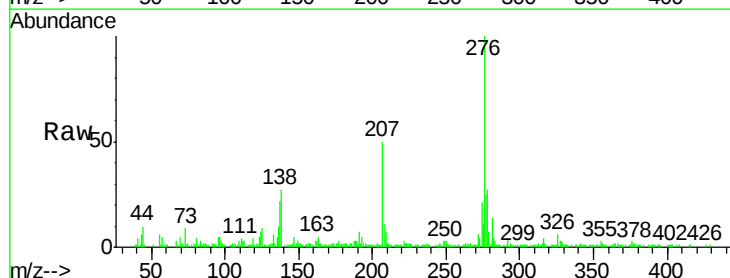
Tgt Ion:278 Resp: 58632

Ion Ratio Lower Upper

278 100

139 0.0 16.5 24.7#

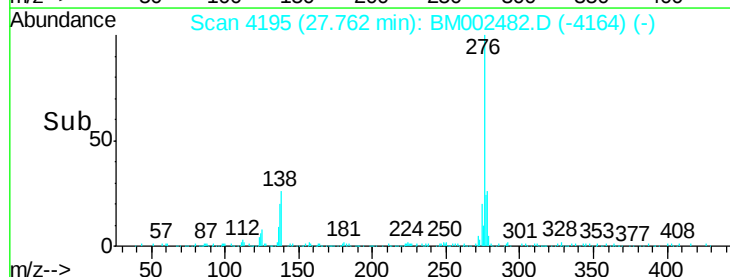
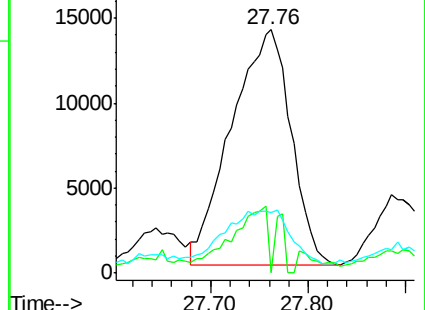
279 24.9 18.8 28.2

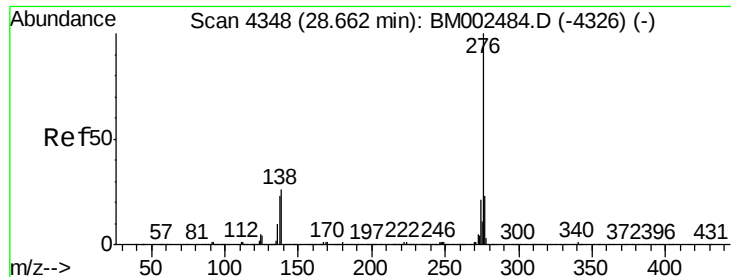


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#29

Benzo(g,h,i)perylene

Concen: 7.80 ng/ul

RT: 28.65 min Scan# 4346

Delta R.T. -0.02 min

Lab File: BM002482.D

Acq: 18 Aug 2015 11:59

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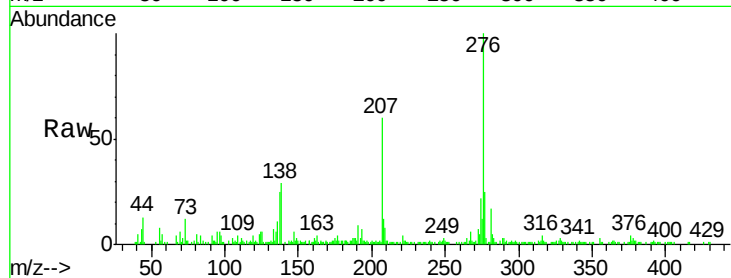
Tgt Ion: 276 Resp: 155470

Ion Ratio Lower Upper

276 100

138 28.6 21.0 31.6

277 25.4 19.2 28.8



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

