

Data Path : Z:\HPCHEM1\BNA M\Data\BM043016\
 Data File : BM005166.D
 Acq On : 30 Apr 2016 09:40
 Operator : UM/SJ
 Sample : H2729-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3C9

Quant Time: Apr 30 11:43:32 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

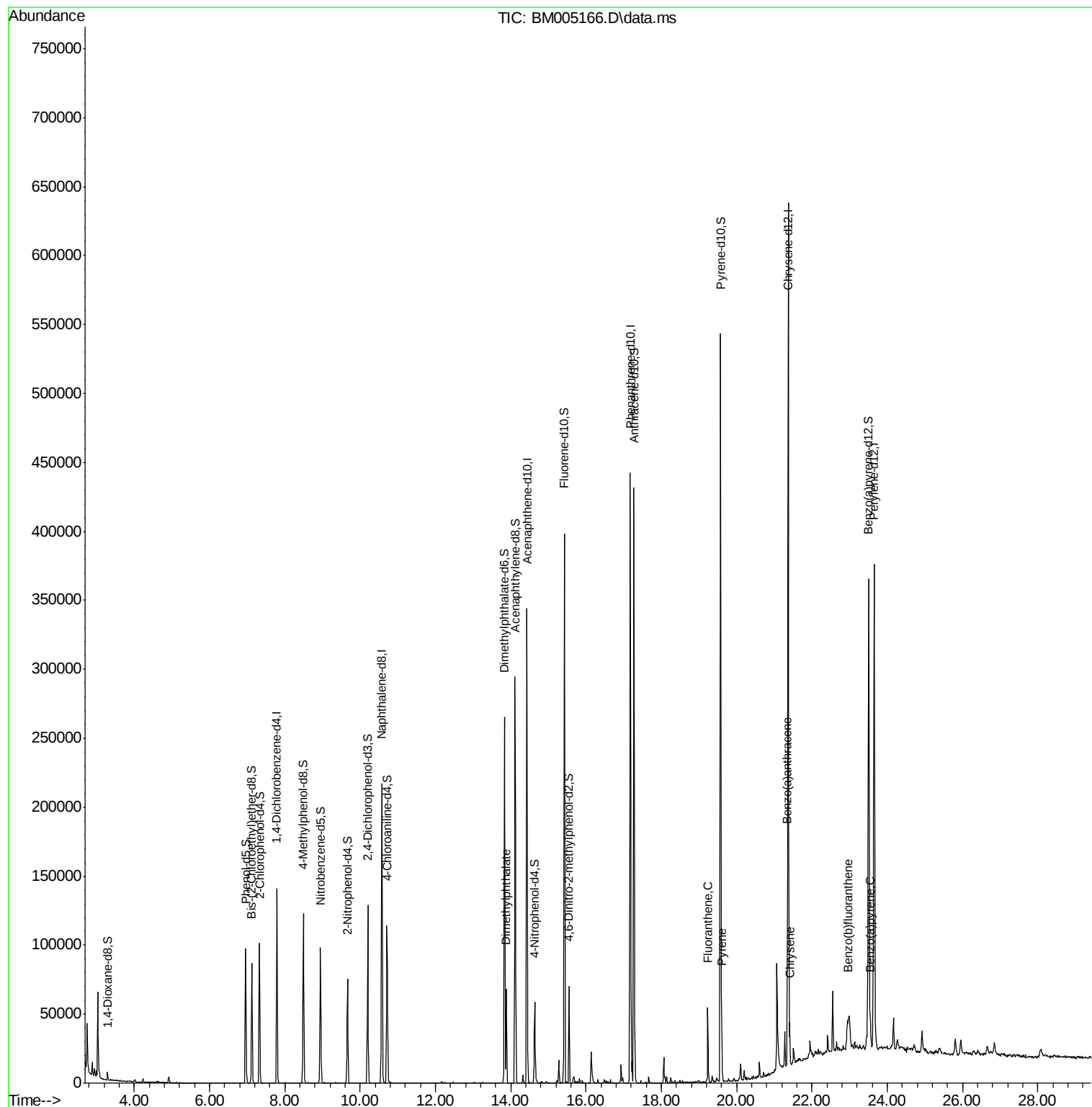
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	38433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.575	136	181171	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.427	164	113291	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.174	188	263229	20.00	ng/ul	0.00
75) Chrysene-d12	21.368	240	295936	20.00	ng/ul	0.00
83) Perylene-d12	23.650	264	255605	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	2914	3.85	ng/uL	0.00
5) Phenol-d5	6.957	99	61326	19.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.122	67	38603	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.322	132	49556	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.487	113	48886	18.14	ng/ul	0.00
19) Nitrobenzene-d5	8.945	128	23790	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.663	143	24700	17.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.198	165	50704	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.716	131	67367	21.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.833	166	175156	19.58	ng/ul	0.00
46) Acenaphthylene-d8	14.116	160	214172	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.633	143	17826	11.40	ng/ul	0.00
57) Fluorene-d10	15.421	176	158212	20.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.545	200	14849	9.92	ng/ul	0.00
70) Anthracene-d10	17.274	188	246090	20.85	ng/ul	0.00
76) Pyrene-d10	19.568	212	283104	21.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.503	264	234343	20.46	ng/ul	0.00
Target Compounds						
					Ovalue	
44) Dimethylphthalate	13.880	163	44122	4.92	ng/ul	99
74) Fluoranthene	19.233	202	33443	2.17	ng/ul	100
77) Pyrene	19.598	202	29743	1.74	ng/ul	99
80) Benzo(a)anthracene	21.350	228	19670	1.16	ng/ul	99
82) Chrysene	21.403	228	17202	1.06	ng/ul	97
85) Benzo(b)fluoranthene	22.962	252	19714	1.28	ng/ul#	96
88) Benzo(a)pyrene	23.544	252	15578	1.08	ng/ul#	96

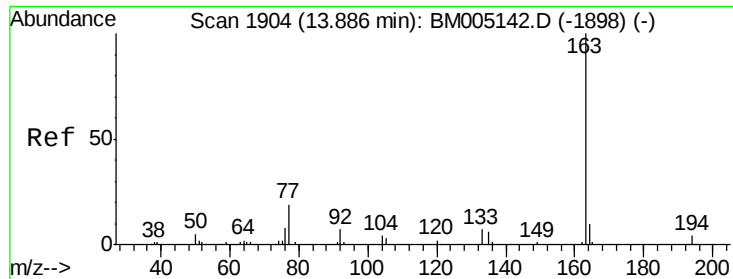
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.92 ng/ul

RT: 13.880 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM005166.D

Acq: 30 Apr 2016 09:40

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ClientSampleId :

BD3C9

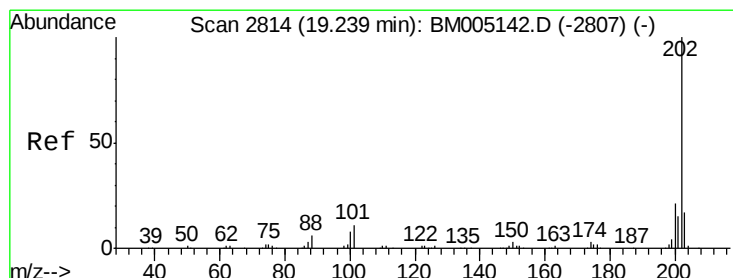
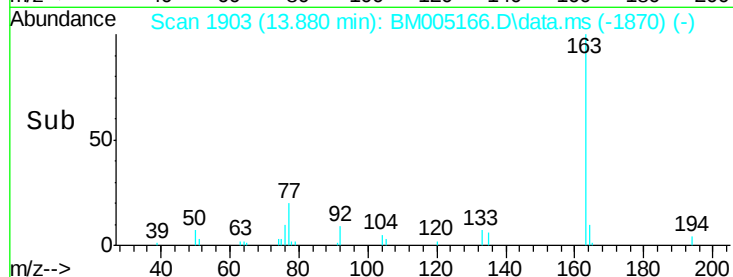
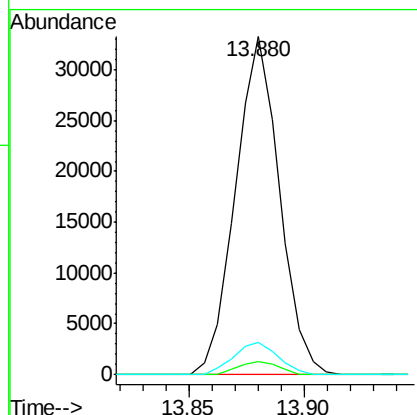
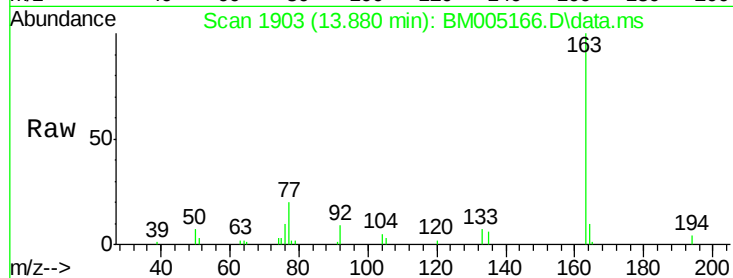
Tot Ion:163 Resp: 44122

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.6 8.2 12.2



#74

Fluoranthene

Concen: 2.17 ng/ul

RT: 19.233 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BM005166.D

Acq: 30 Apr 2016 09:40

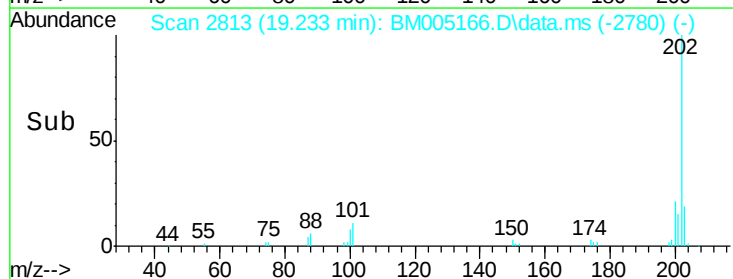
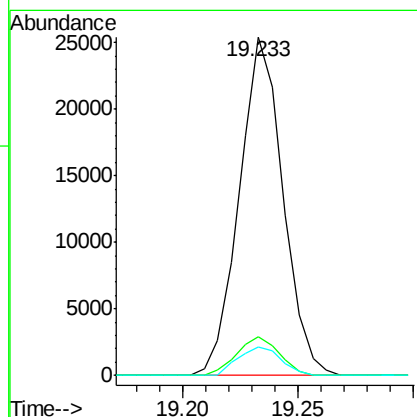
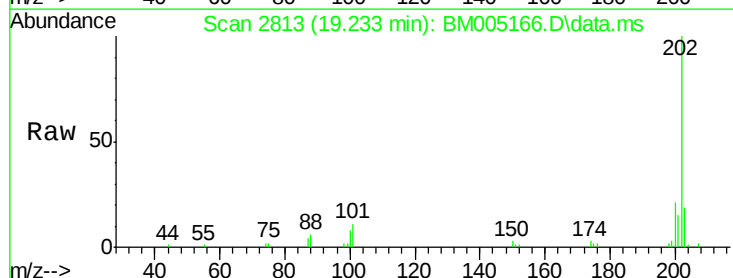
Tgt Ion:202 Resp: 33443

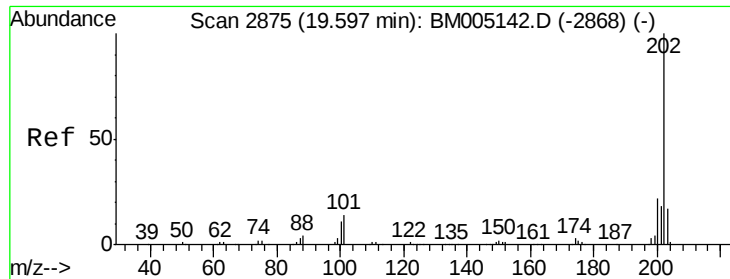
Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

100 8.5 6.6 10.0

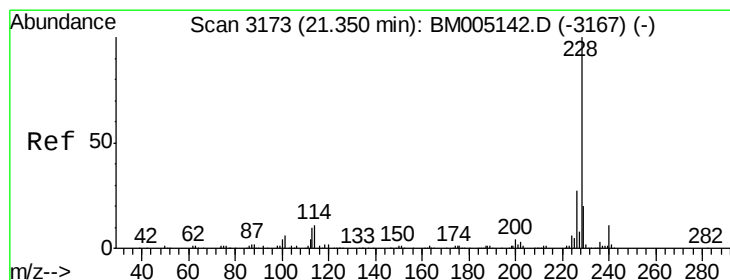
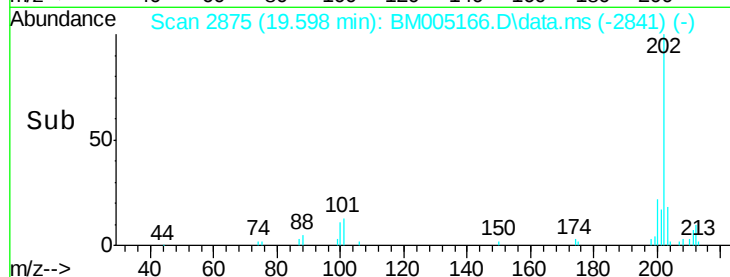
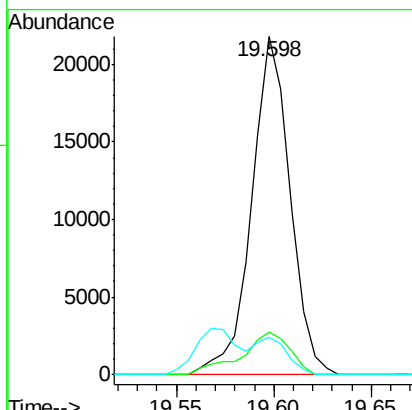
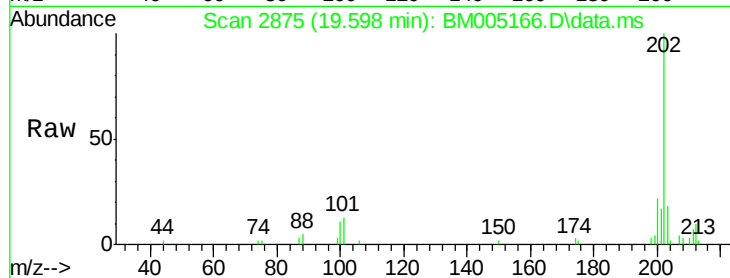




#77
Pvrene
Concen: 1.74 ng/ul
RT: 19.598 min Scan# 2875
Delta R.T. 0.000 min
Lab File: BM005166.D
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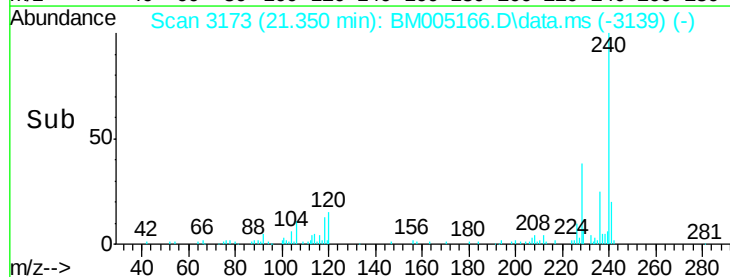
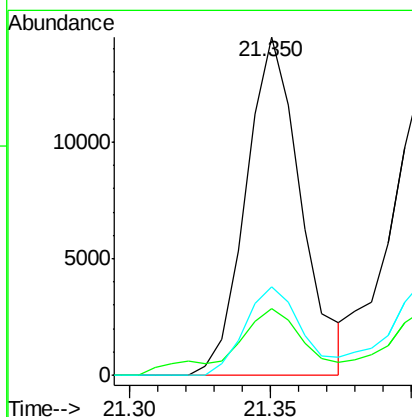
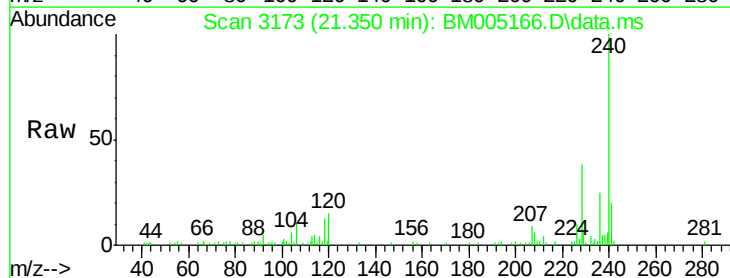
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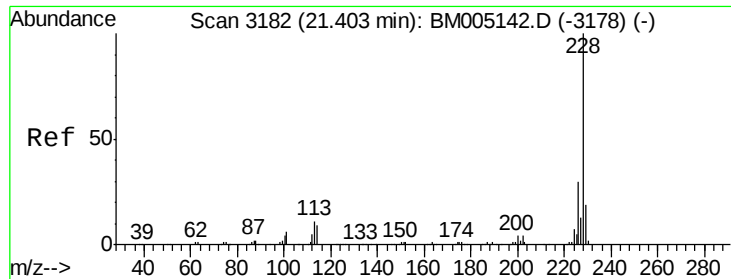
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.5	15.7
100	10.8	8.2	12.2



#80
Benzo(a)anthracene
Concen: 1.16 ng/ul
RT: 21.350 min Scan# 3173
Delta R.T. 0.000 min
Lab File: BM005166.D
Acq: 30 Apr 2016 09:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	26.1	21.5	32.3





#82

Chrysene

Concen: 1.06 ng/ul

RT: 21.403 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM005166.D

Acq: 30 Apr 2016 09:40

Instrument :

BNA_M

ClientSampleId :

BD3C9

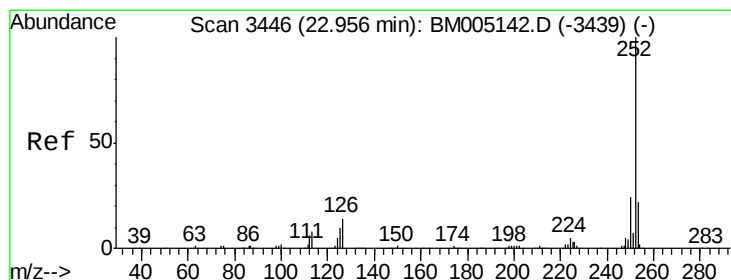
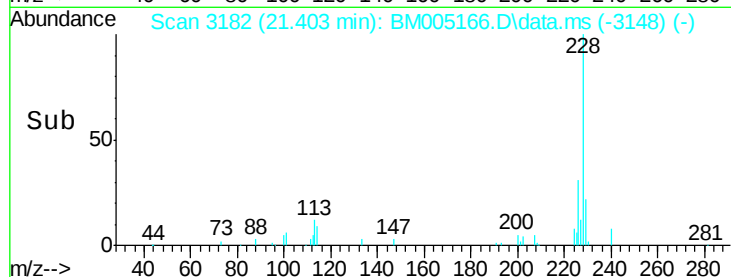
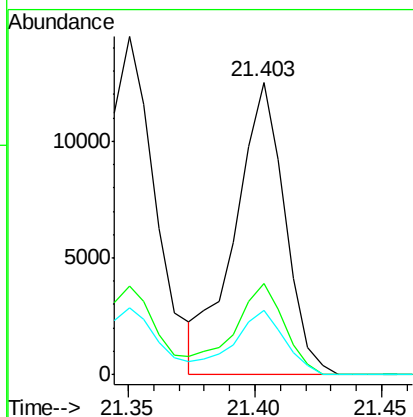
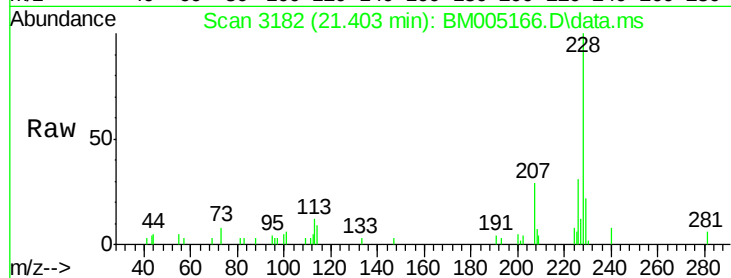
Tot Ion:228 Resp: 17202

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

229 21.9 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 1.28 ng/ul

RT: 22.962 min Scan# 3447

Delta R.T. 0.006 min

Lab File: BM005166.D

Acq: 30 Apr 2016 09:40

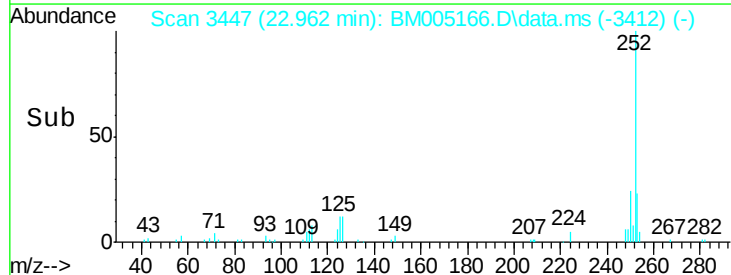
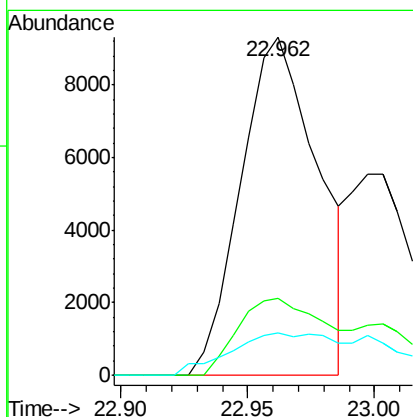
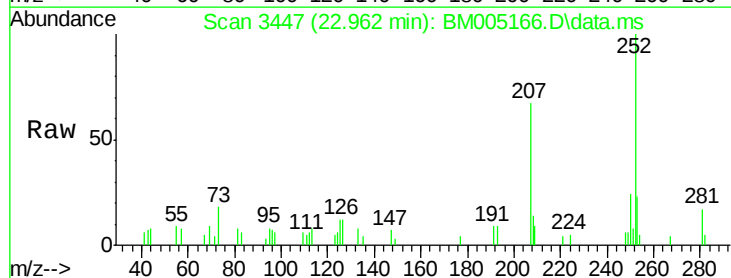
Tgt Ion:252 Resp: 19714

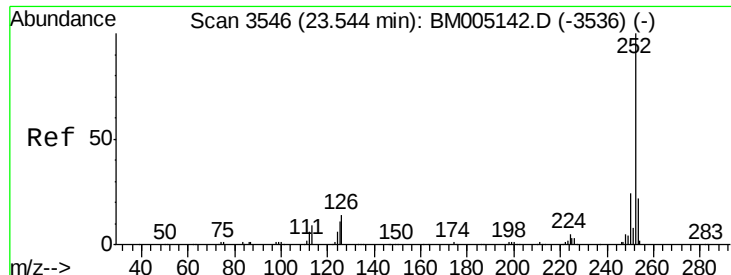
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 12.5 7.8 11.6#





#88

Benzo(a)pyrene

Concen: 1.08 ng/ul

RT: 23.544 min Scan# 35

Delta R.T. 0.000 min

Lab File: BM005166.D

Acq: 30 Apr 2016 09:40

Instrument :

BNA_M

ClientSampleId :

BD3C9

Tot Ion:252 Resp: 15578

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 12.6 8.3 12.5#

