

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014827.D
 Acq On : 25 Apr 2018 01:41
 Operator : SJ/JU
 Sample : J2431-05DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASN6DL

Quant Time: Apr 25 04:33:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 02:07:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	515405	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	2275872	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1292097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2864713	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	3055515	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	3126014	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	4096	0.35	ng/uL	0.01
5) Phenol-d5	7.65	99	64332	1.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	203165	7.95	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	198660	5.96	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	126062	3.97	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	117768	7.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	106945	6.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	209138	6.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	24476	0.74	ng/ul	-0.02
43) Dimethylphthalate-d6	14.52	166	769443	7.63	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	899393	7.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	17628	0.94	ng/ul	0.00
57) Fluorene-d10	16.10	176	666632	7.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	66719	4.30	ng/ul	0.00
70) Anthracene-d10	17.93	188	987853	7.40	ng/ul	0.00
76) Pyrene-d10	20.17	212	1086060	7.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.25	264	1076968	7.01	ng/ul	0.00

Target Compounds

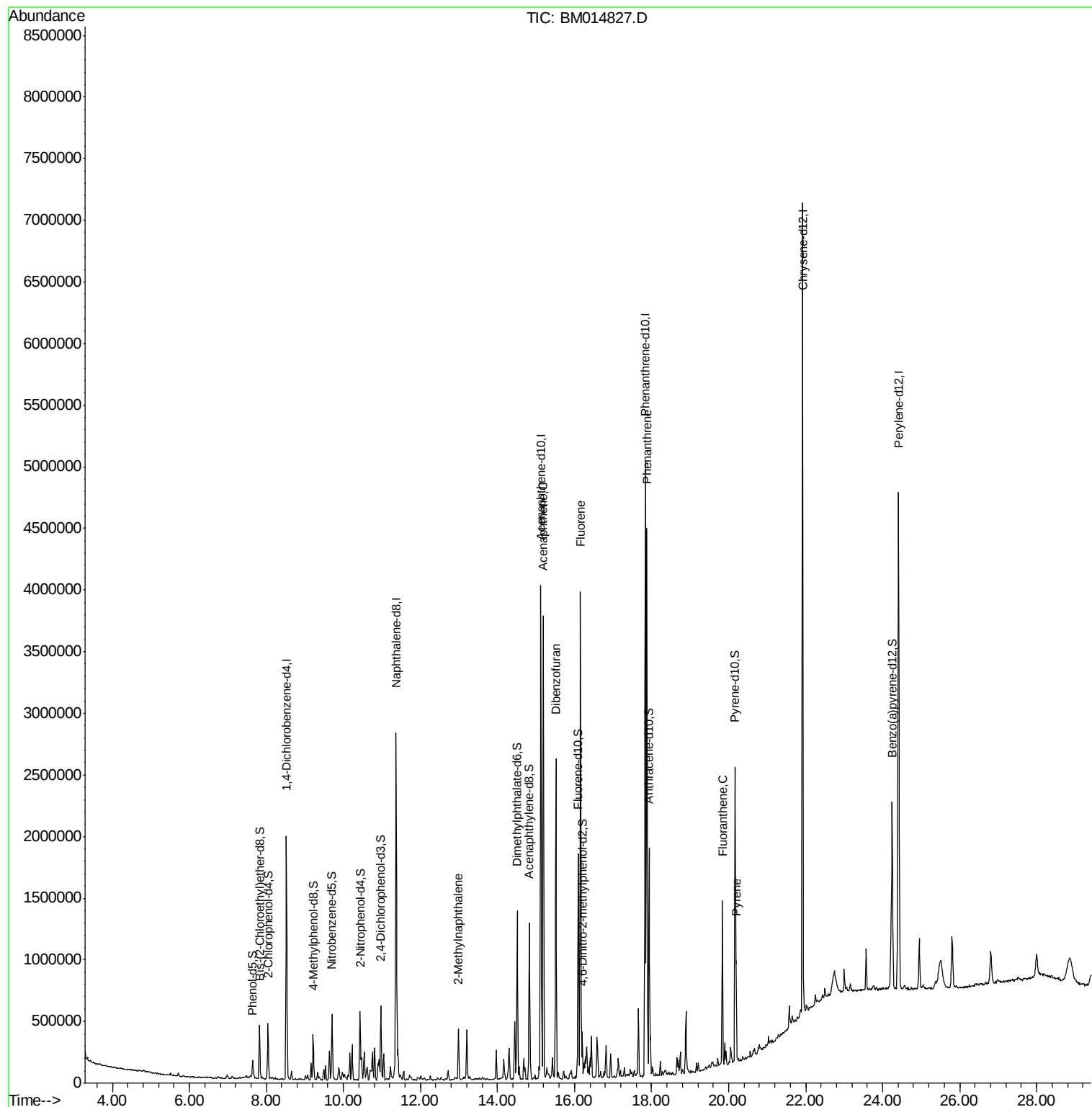
					Ovalue	
34) 2-Methylnaphthalene	12.99	142	182543	2.370	ng/ul	95
49) Acenaphthene	15.19	153	1497584	17.464	ng/ul	99
53) Dibenzofuran	15.52	168	1575679	13.232	ng/ul	99
58) Fluorene	16.16	166	1699200	17.672	ng/ul	100
69) Phenanthrene	17.88	178	2502310	16.265	ng/ul	99
74) Fluoranthene	19.84	202	764522	4.558	ng/ul#	80
77) Pyrene	20.20	202	457887	2.565	ng/ul#	79

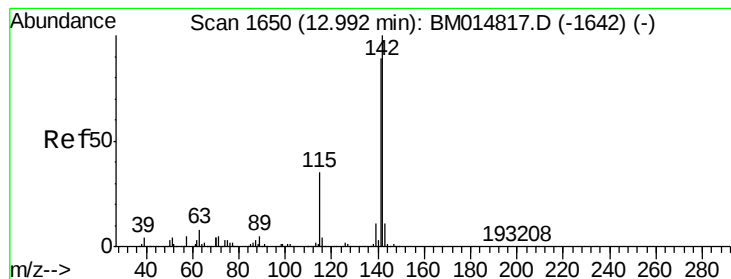
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

2-Methylnaphthalene

Concen: 2.370 ng/ul

RT: 12.99 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BM014827.D

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Instrument :

BNA_M

ClientSampleId :

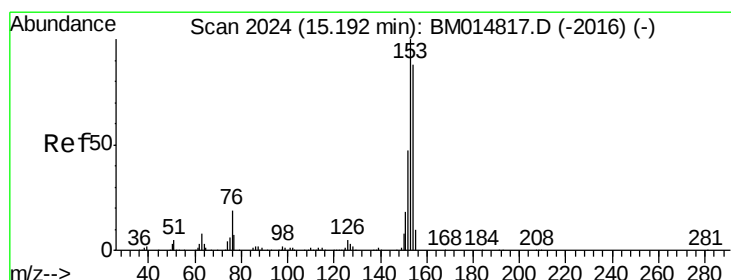
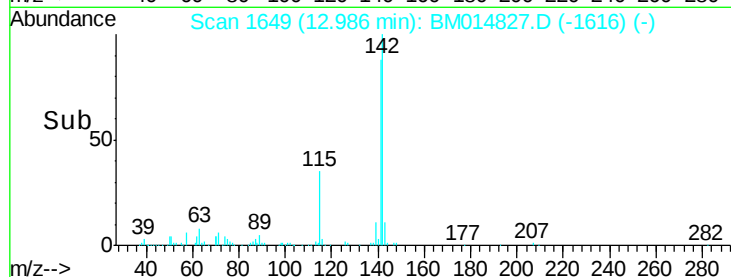
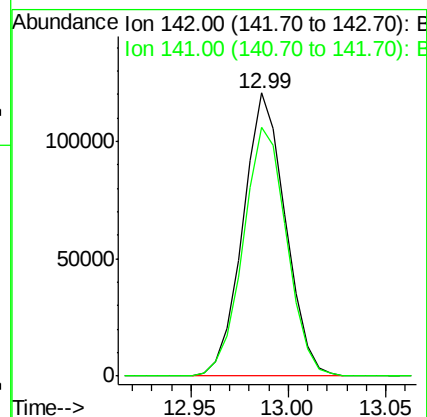
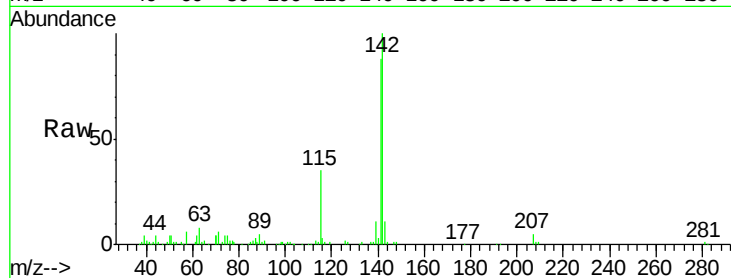
DASN6DL

Tot Ion:142 Resp: 182543

Ion Ratio Lower Upper

142 100

141 87.9 74.1 111.1



#49

Acenaphthene

Concen: 17.464 ng/ul

RT: 15.19 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BM014827.D

Acq: 25 Apr 2018 01:41

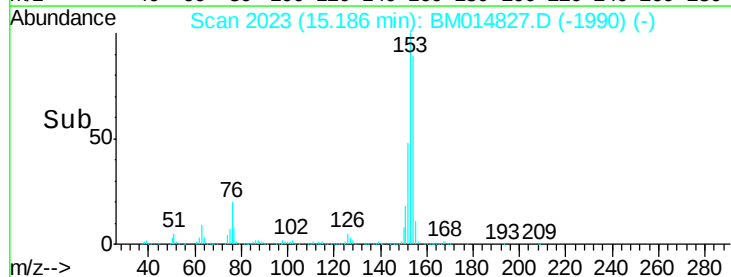
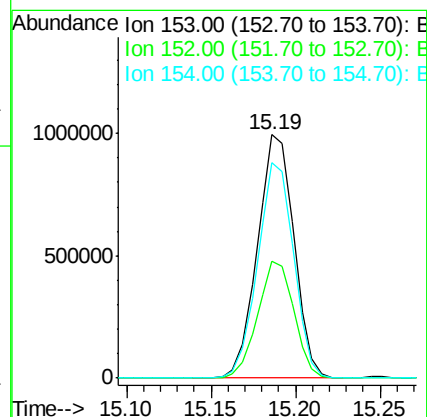
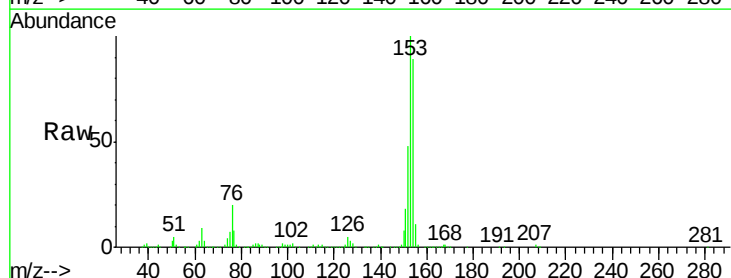
Tgt Ion:153 Resp: 1497584

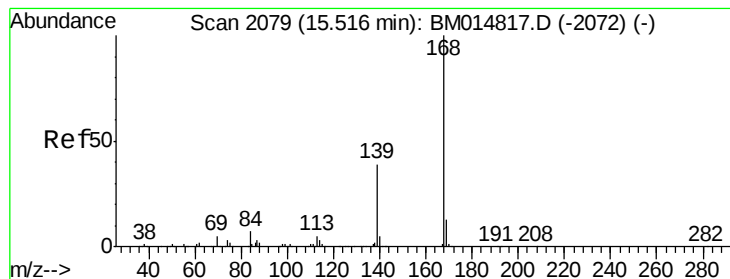
Ion Ratio Lower Upper

153 100

152 47.8 37.6 56.4

154 88.6 70.4 105.6





#53

Dibenzo(f,h)quinoxaline

Concen: 13.232 ng/ul

RT: 15.52 min Scan# 2079

Delta R.T. -0.00 min

Lab File: BM014827.D

Acq: 25 Apr 2018 01:41

Instrument :

BNA_M

ClientSampleId :

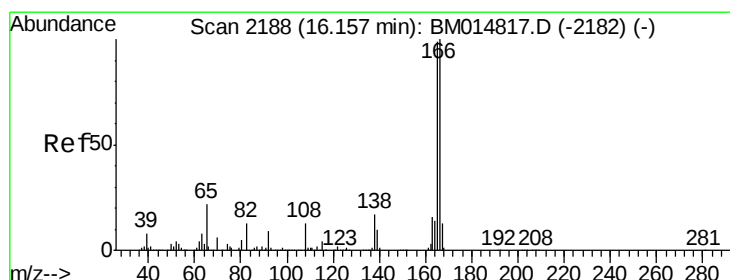
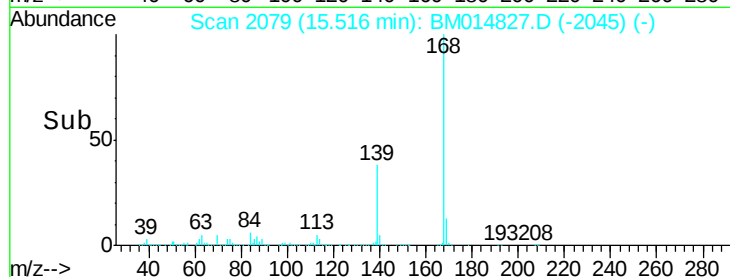
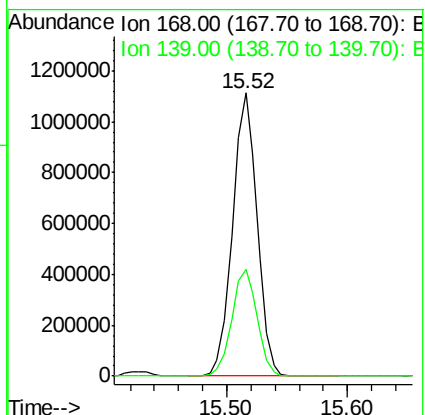
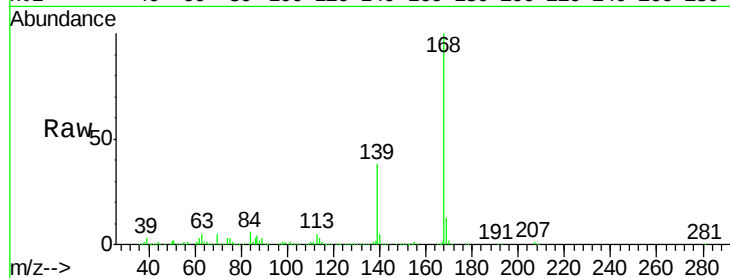
DASN6DL

Tot Ion:168 Resp: 1575679

Ion Ratio Lower Upper

168 100

139 37.8 30.8 46.2



#58

Fluorene

Concen: 17.672 ng/ul

RT: 16.16 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BM014827.D

Acq: 25 Apr 2018 01:41

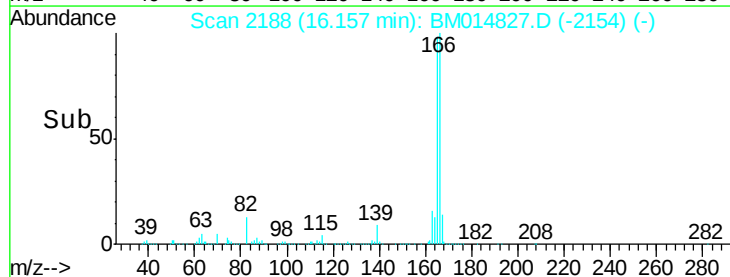
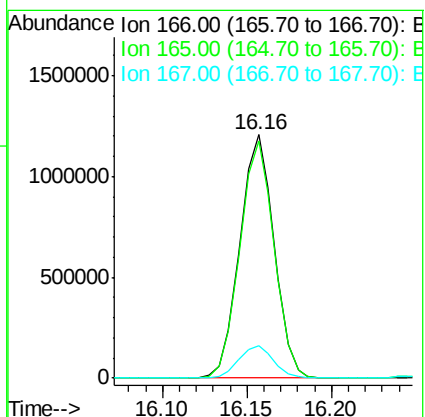
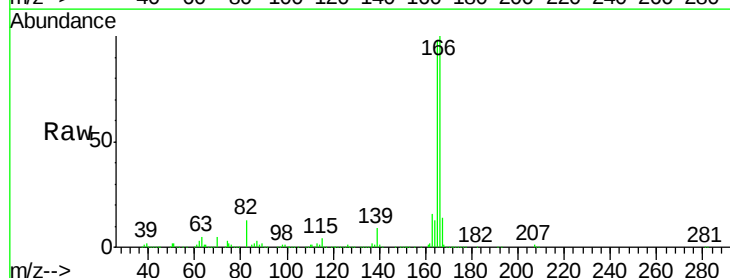
Tgt Ion:166 Resp: 1699200

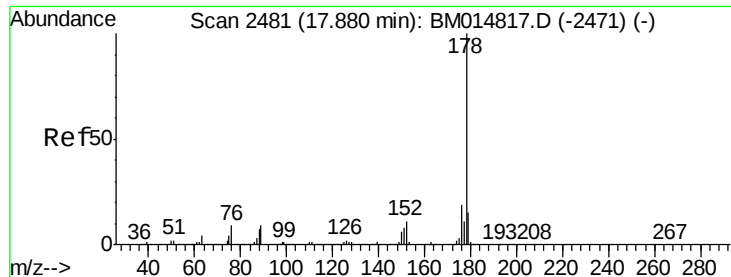
Ion Ratio Lower Upper

166 100

165 97.5 77.9 116.9

167 13.6 10.6 16.0





#69

Phenanthrene

Concen: 16.265 ng/ul

RT: 17.88 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BM014827.D

Acq: 25 Apr 2018 01:41

Instrument :

BNA_M

ClientSampleId :

DASN6DL

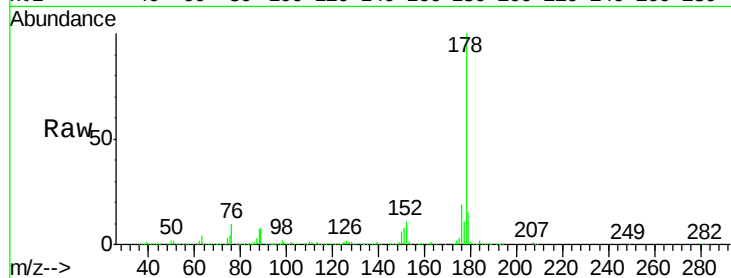
Tot Ion:178 Resp: 2502310

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

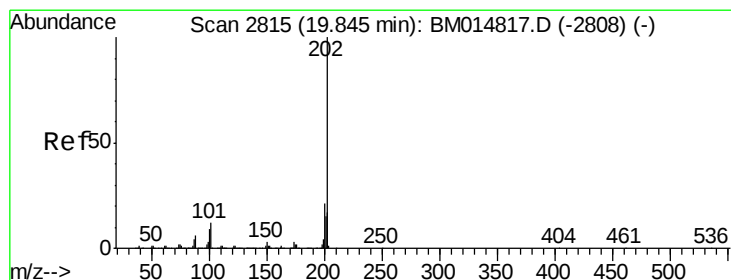
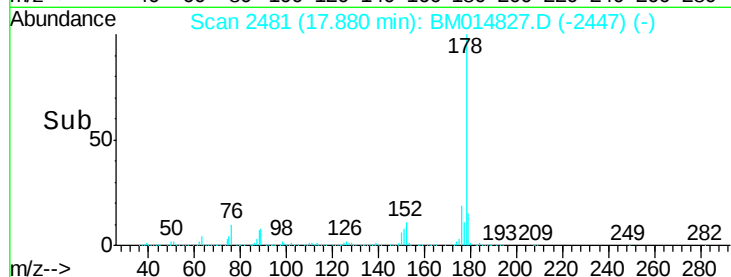
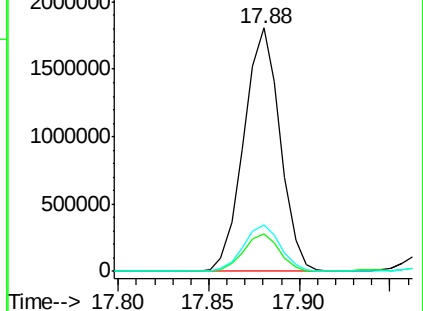
176 19.1 14.9 22.3



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



#74

Fluoranthene

Concen: 4.558 ng/ul

RT: 19.84 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BM014827.D

Acq: 25 Apr 2018 01:41

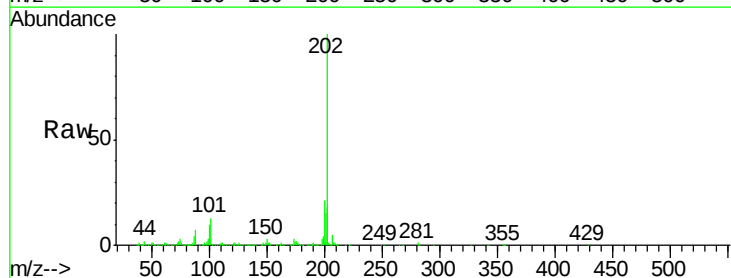
Tgt Ion:202 Resp: 764522

Ion Ratio Lower Upper

202 100

101 12.7 4.6 7.0#

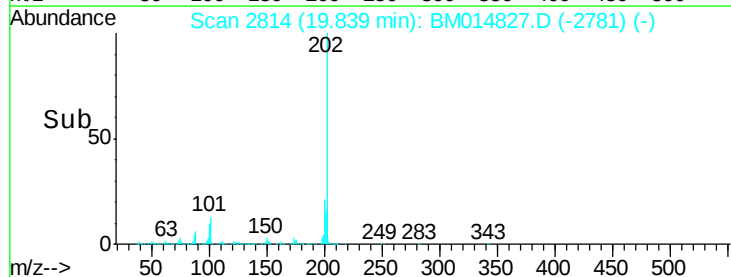
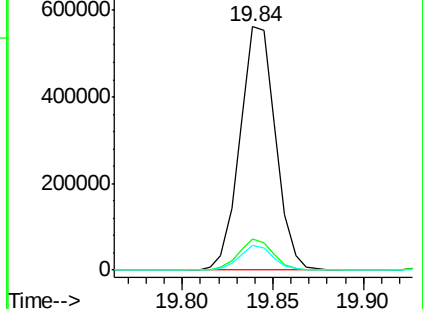
100 10.3 3.4 5.2#

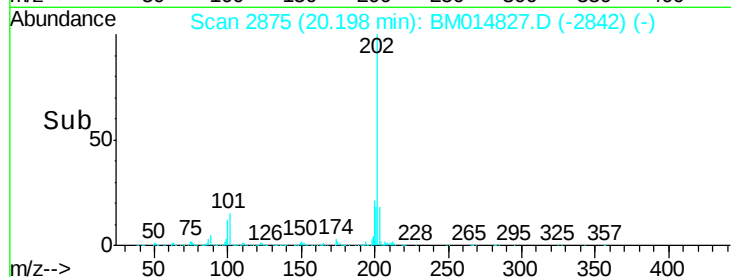
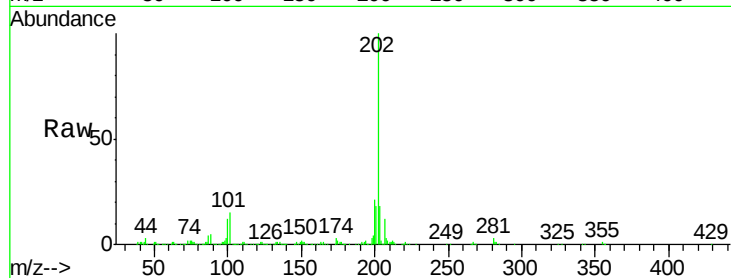
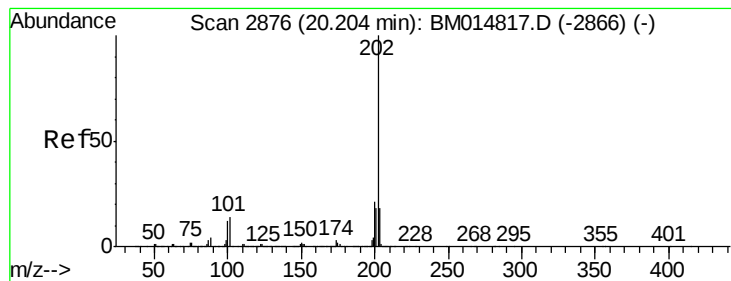


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.565 ng/ul

RT: 20.20 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BM014827.D

Acq: 25 Apr 2018 01:41

Instrument :

BNA_M

ClientSampleId :

DASN6DL

Tot Ion:202 Resp: 457887

Ion Ratio Lower Upper

202 100

101 14.6 5.1 7.7#

100 12.1 4.9 7.3#

