

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
 Data File : BM005805.D
 Acq On : 15 Jun 2016 03:31
 Operator : UM/SJ
 Sample : H3565-13MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y04MSD

Manual Integrations
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Quant Time: Jun 15 06:02:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 15 01:42:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	89323	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	465354	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	292791	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	662682	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	524591	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	514344	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	2683	1.39	ng/uL	0.00
3) Phenol-d5	6.92	99	104903	14.30	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	79892	18.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	101379	16.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	68359	11.03	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	53893	16.36	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	63062	17.22	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	112952	16.12	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	115479	15.00	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	399122	17.17	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	523508	17.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	35559m	13.31	ng/ul	0.00
21) Fluorene-d10	15.38	176	363253	18.76	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	33508	11.30	ng/ul	0.00
26) Anthracene-d10	17.23	188	547081	17.80	ng/ul	0.00
30) Pyrene-d10	19.53	212	516563	20.23	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	406229	17.10	ng/ul	0.00

Target Compounds

						Qvalue
13) 2-Methylnaphthalene	12.20	142	21297	1.28	ng/ul	99
14) 1-Methylnaphthalene	12.42	142	19345	1.15	ng/ul	96
19) Acenaphthene	14.45	153	368485	18.90	ng/ul	99
25) Phenanthrene	17.17	178	141080	3.88	ng/ul	99
28) Fluoranthene	19.19	202	312410	8.07	ng/ul	100
31) Pyrene	19.56	202	928578	28.82	ng/ul	97
32) Benzo(a)anthracene	21.30	228	133558	4.40	ng/ul	98
33) Chrysene	21.35	228	151527	5.09	ng/ul	98
35) Benzo(b)fluoranthene	22.89	252	218472	7.11	ng/ul	96
36) Benzo(k)fluoranthene	22.93	252	68377m	2.40	ng/ul	
38) Benzo(a)pyrene	23.47	252	132981	4.53	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.85	276	104018m	3.09	ng/ul	
41) Benzo(g,h,i)perylene	26.55	276	89812	3.08	ng/ul	97

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

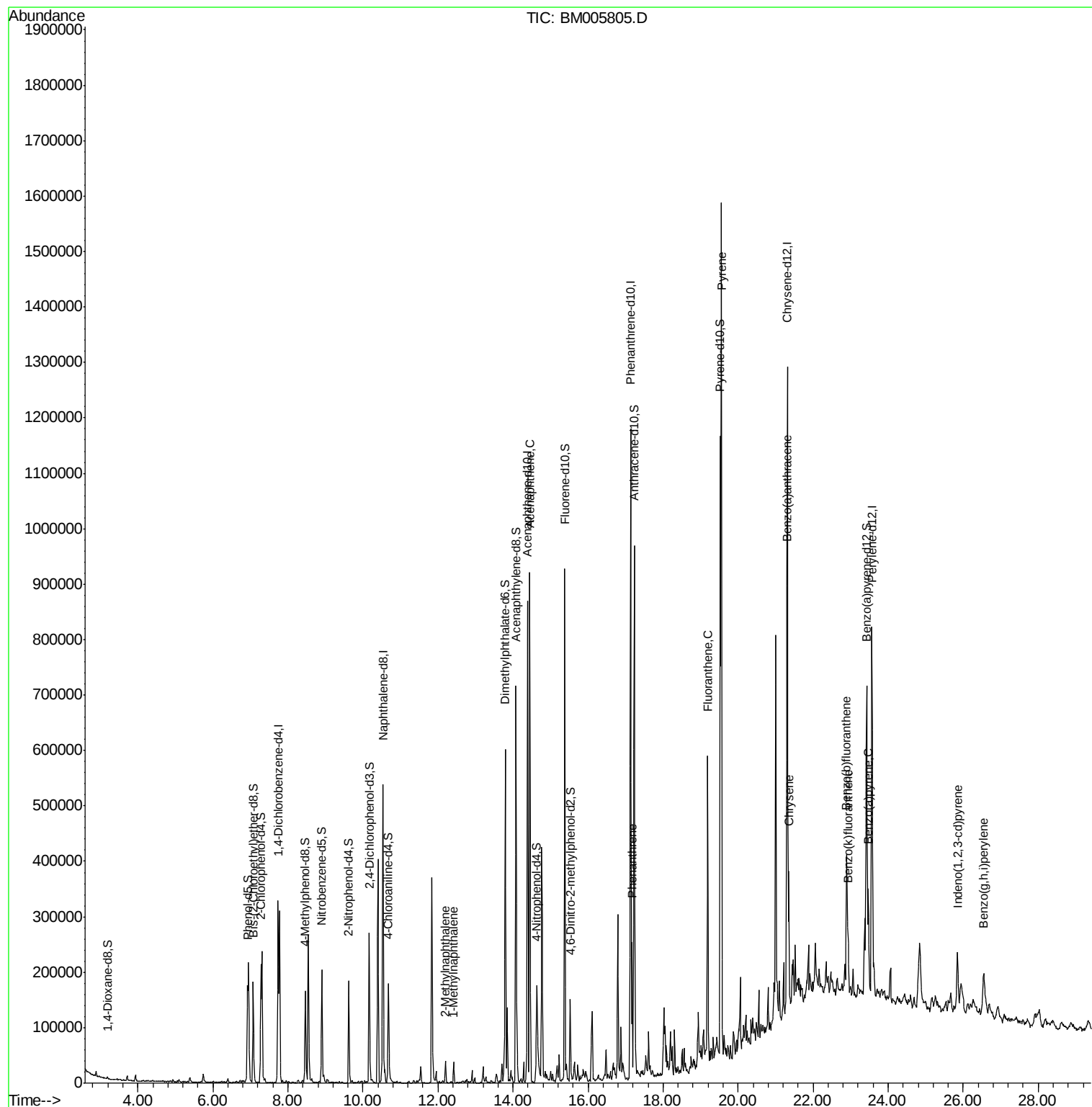
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005805.D
Acq On : 15 Jun 2016 03:31
Operator : UM/SJ
Sample : H3565-13MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

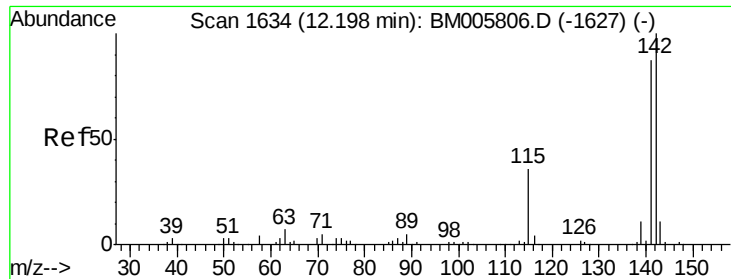
Instrument :
BNA_M
ClientSampleId :
D9Y04MSD

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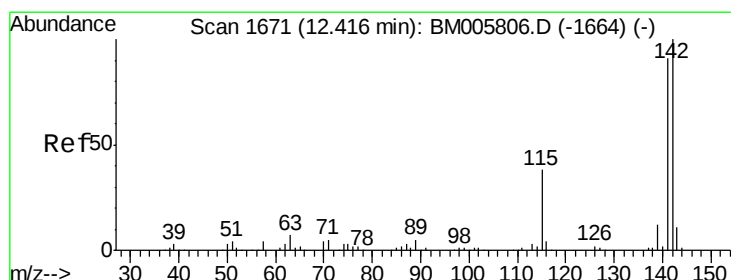
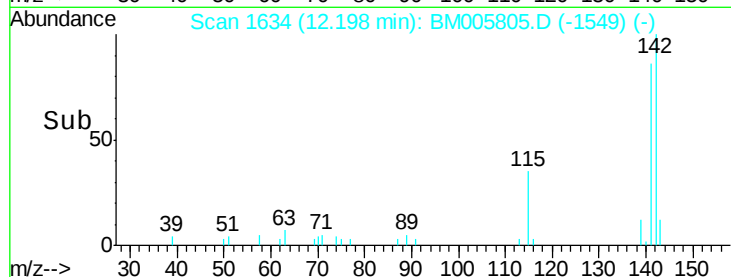
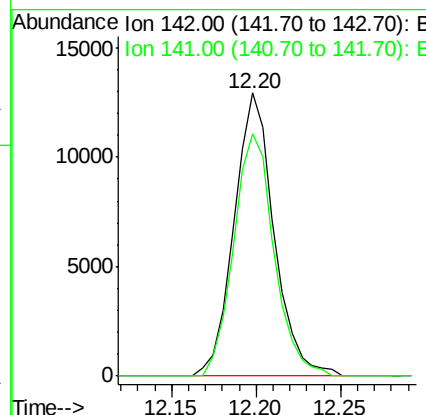
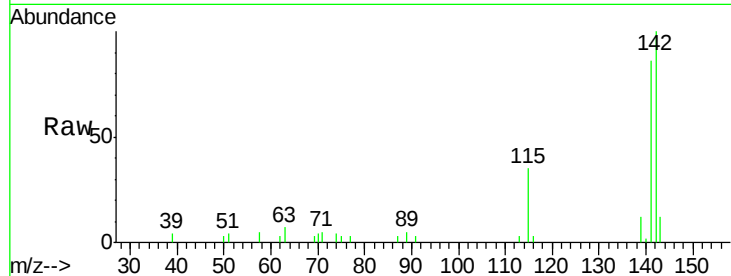
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2-Methylnaphthalene
Concen: 1.28 ng/ul
RT: 12.20 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BM005805.D
Acq: 15 Jun 2016 03:31

Instrument :
BNA_M
ClientSampleId :
D9Y04MSD

Tgt Ion:142 Resp: 21297
Ion Ratio Lower Upper
142 100
141 85.7 69.0 103.6

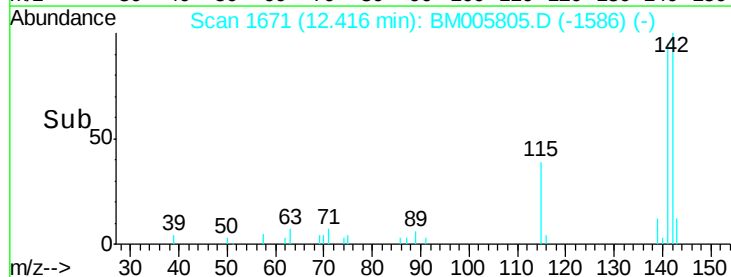
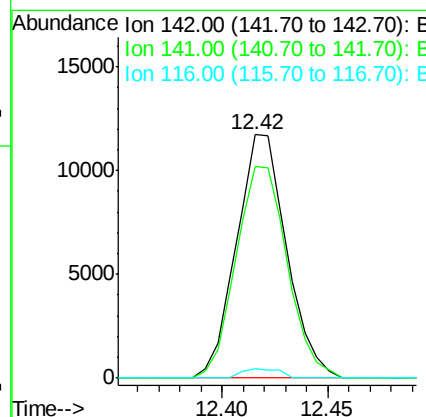
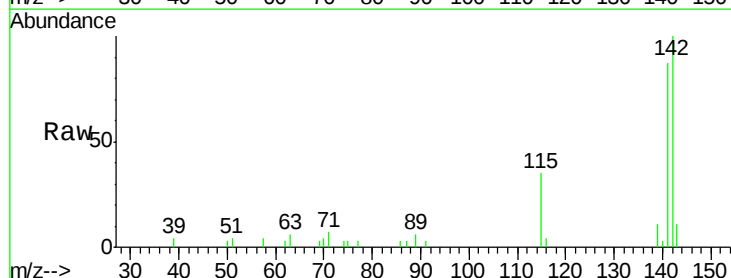
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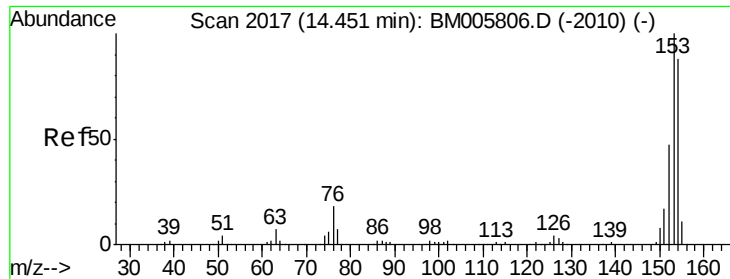
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#14
1-Methylnaphthalene
Concen: 1.15 ng/ul
RT: 12.42 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BM005805.D
Acq: 15 Jun 2016 03:31

Tgt Ion:142 Resp: 19345
Ion Ratio Lower Upper
142 100
141 87.0 73.0 109.4
116 3.8 3.0 4.6





#19

Acenaphthene

Concen: 18.90 ng/ul

RT: 14.45 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BM005805.D

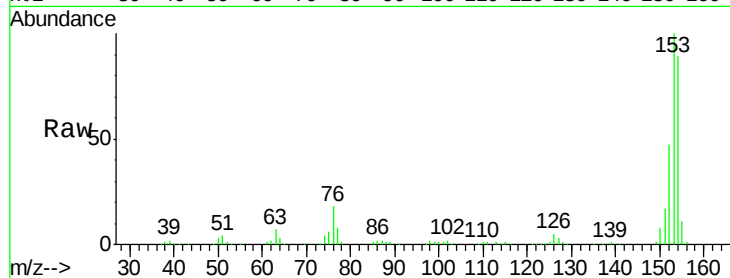
Acq: 15 Jun 2016 03:31

Instrument :

BNA_M

ClientSampleId :

D9Y04MSD



Tgt Ion:153 Resp: 368485

Ion Ratio Lower Upper

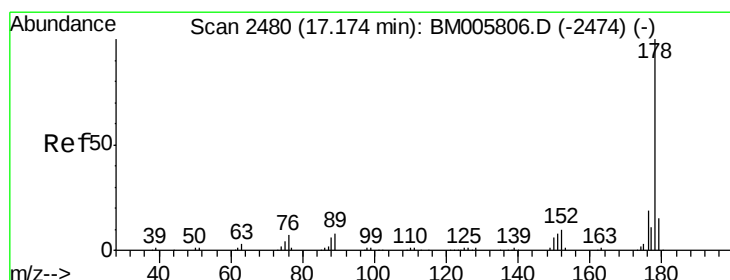
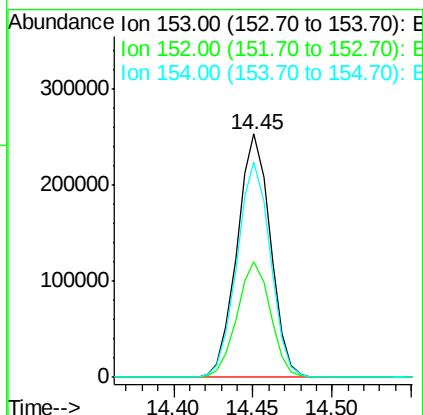
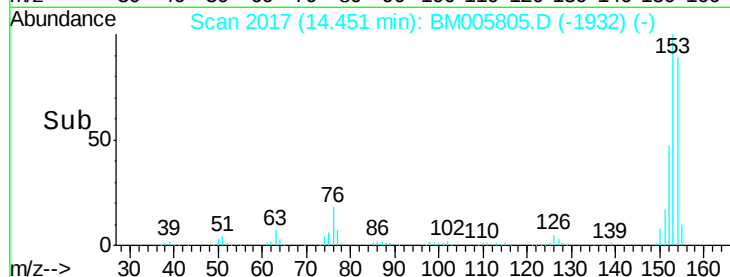
153 100

152 47.3 38.1 57.1

154 88.5 71.6 107.4

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#25

Phenanthrene

Concen: 3.88 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM005805.D

Acq: 15 Jun 2016 03:31

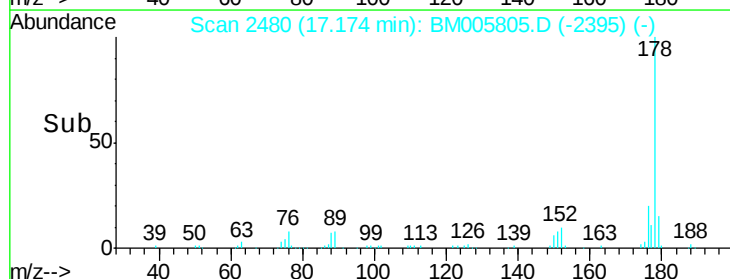
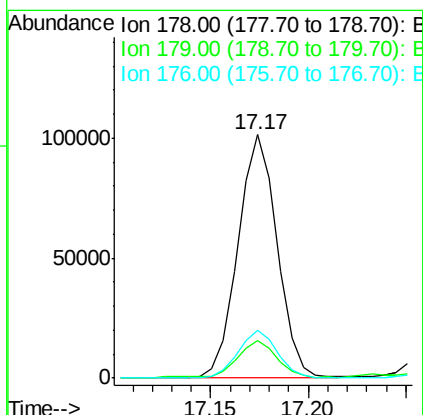
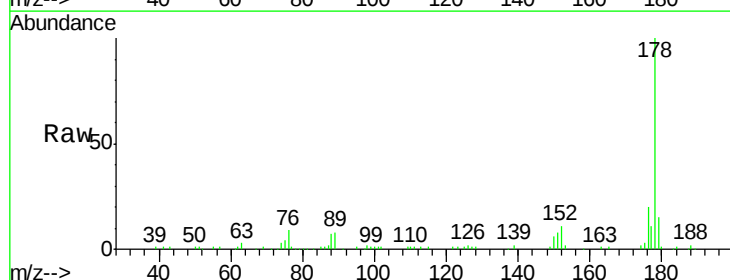
Tgt Ion:178 Resp: 141080

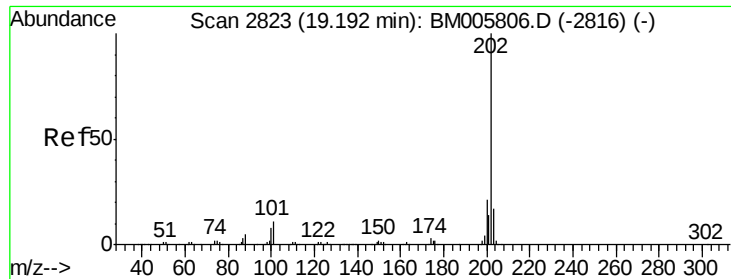
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.6 15.3 22.9





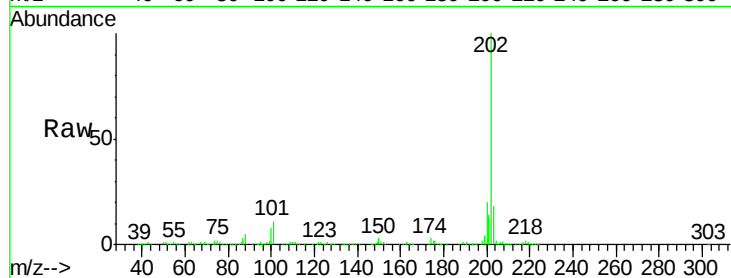
#28
Fluoranthene
Concen: 8.07 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005805.D
Acq: 15 Jun 2016 03:31

Instrument :
BNA_M
ClientSampleId :
D9Y04MSD

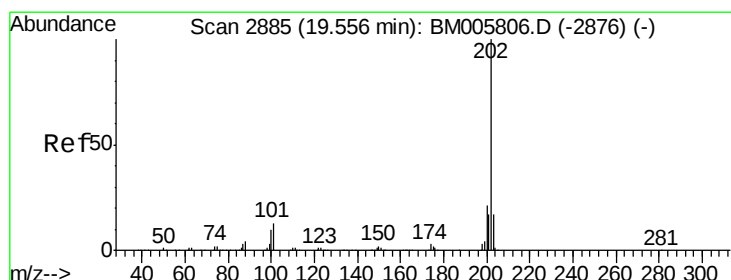
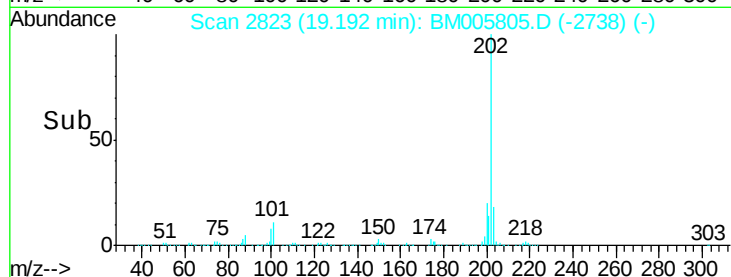
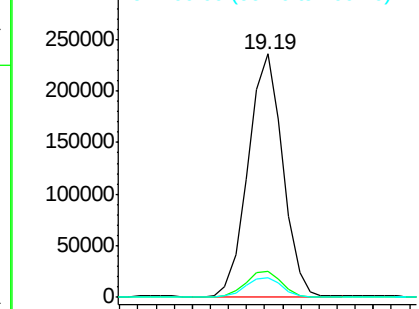
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	8.5	12.7
100	7.8	6.5	9.7

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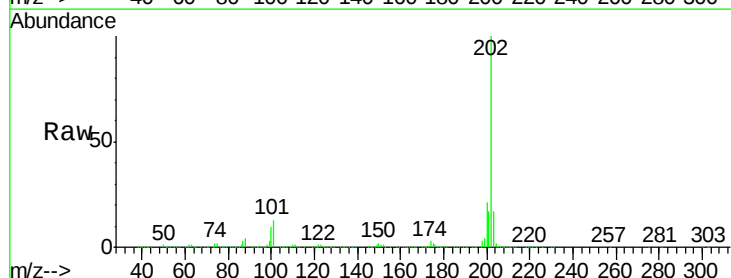


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

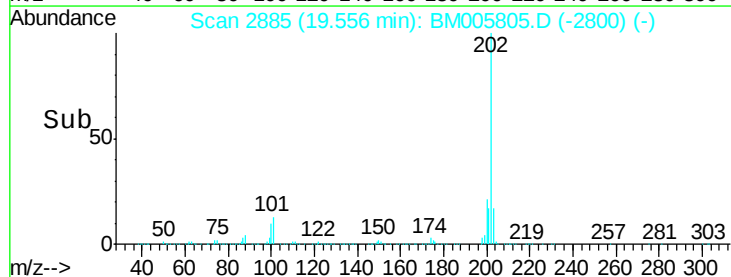
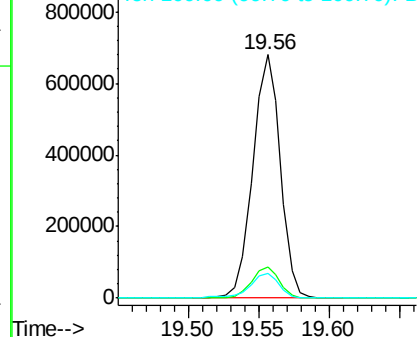


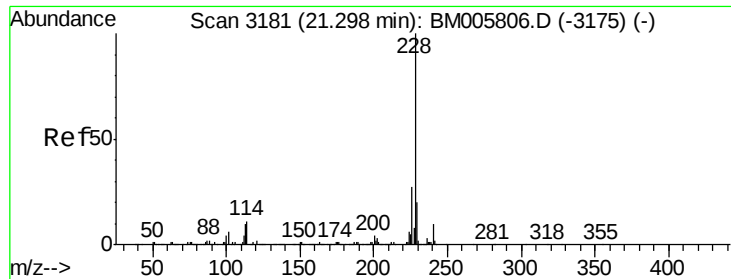
#31
Pyrene
Concen: 28.82 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM005805.D
Acq: 15 Jun 2016 03:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	11.0	16.4
100	9.9	8.9	13.3



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





#32

Benzo(a)anthracene

Concen: 4.40 ng/ul

RT: 21.30 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BM005805.D

Acq: 15 Jun 2016 03:31

Instrument :

BNA_M

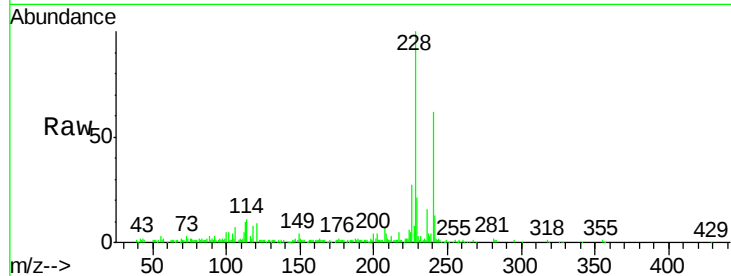
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D9Y04MSD

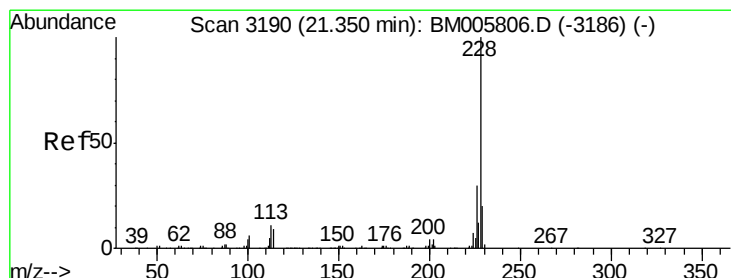
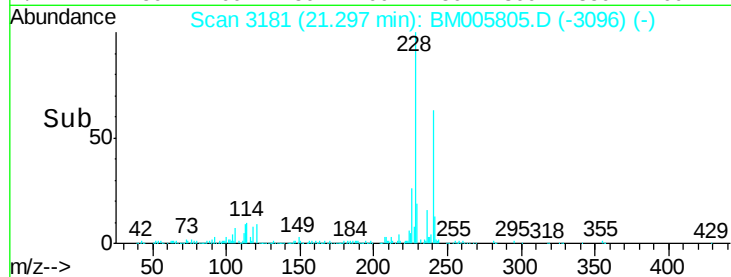
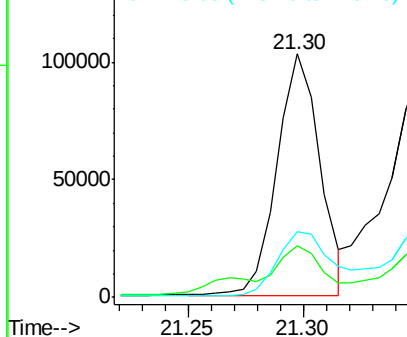
Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		133558		
229	21.2	15.6	23.4		
226	26.9	21.6	32.4		

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#33

Chrysene

Concen: 5.09 ng/ul

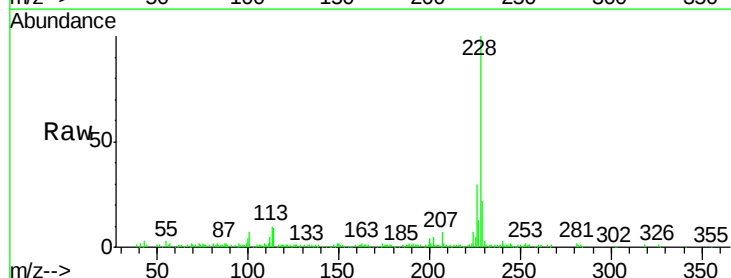
RT: 21.35 min Scan# 3190

Delta R.T. -0.00 min

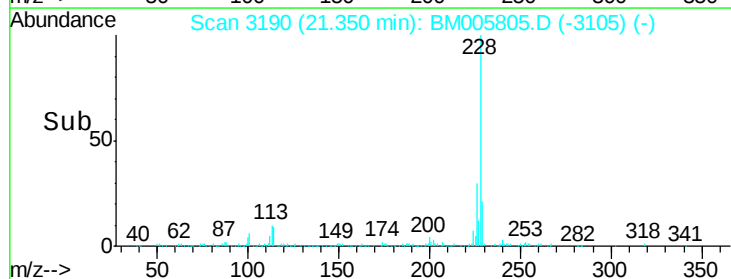
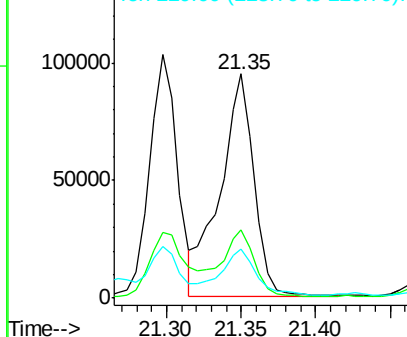
Lab File: BM005805.D

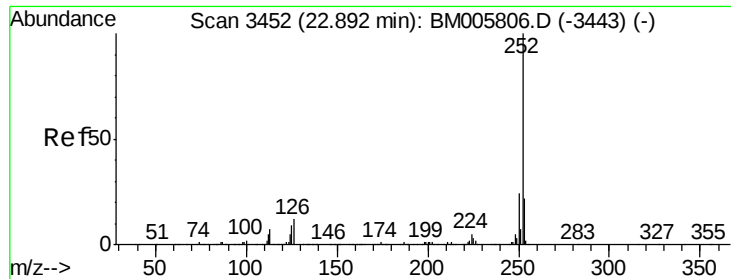
Acq: 15 Jun 2016 03:31

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		151527		
226	30.2	23.8	35.6		
229	21.9	15.8	23.6		



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





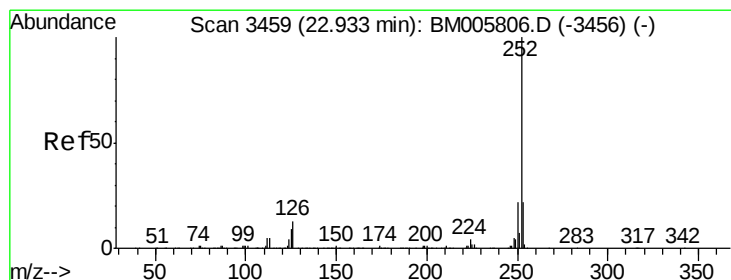
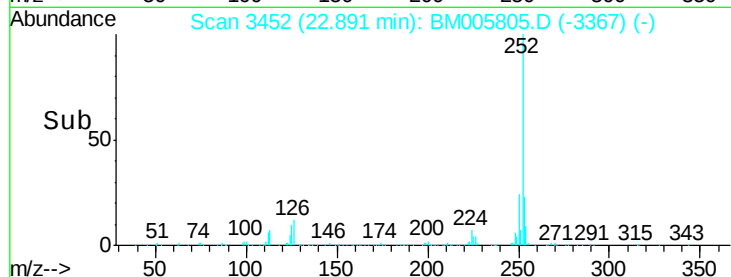
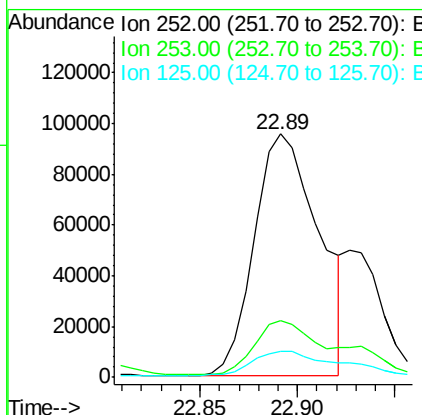
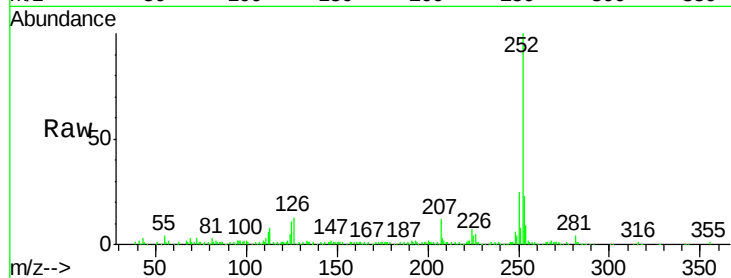
#35
Benzo(b)fluoranthene
Concen: 7.11 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM005805.D
Acq: 15 Jun 2016 03:31

Instrument :
BNA_M
ClientSampleId :
D9Y04MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	10.6	7.8	11.6

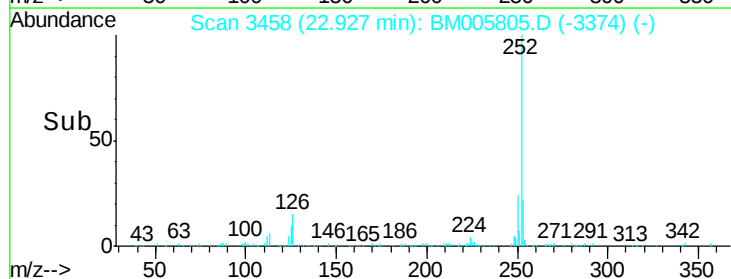
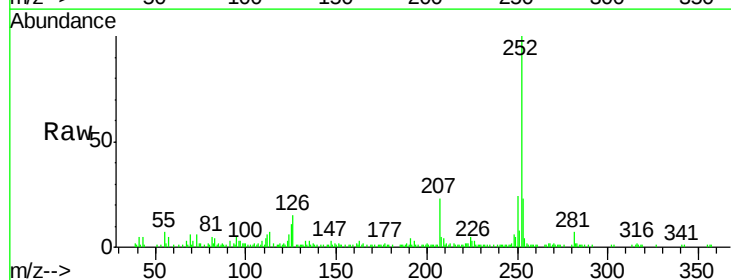
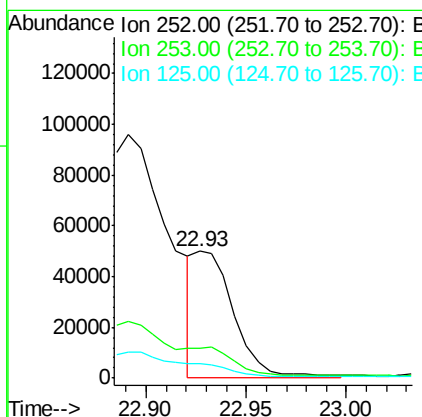
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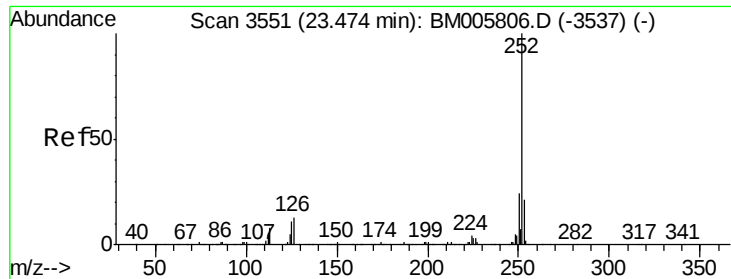
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#36
Benzo(k)fluoranthene
Concen: 2.40 ng/ul m
RT: 22.93 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM005805.D
Acq: 15 Jun 2016 03:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	11.2	8.1	12.1





#38

Benzo(a)pyrene

Concen: 4.53 ng/ul

RT: 23.47 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BM005805.D

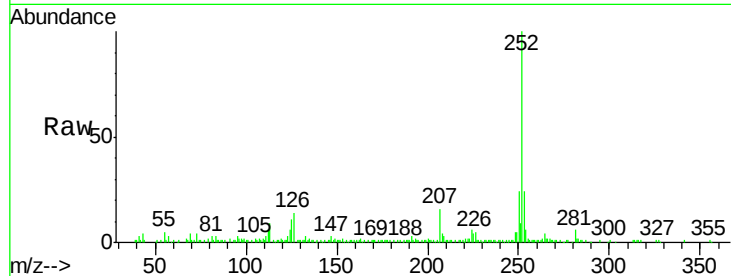
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Instrument :

BNA_M

ClientSampleId :

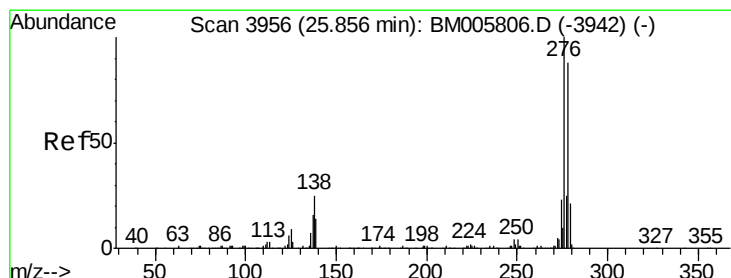
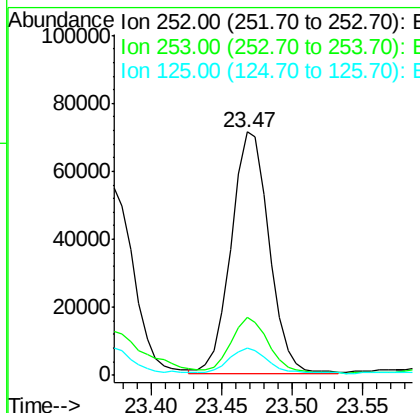
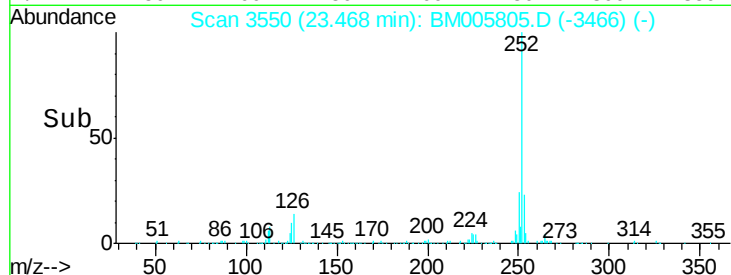
D9Y04MSD



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	132981		
253	23.7	17.8	26.6	
125	11.0	8.7	13.1	

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#39

Indeno(1,2,3-cd)pyrene

Concen: 3.09 ng/ul m

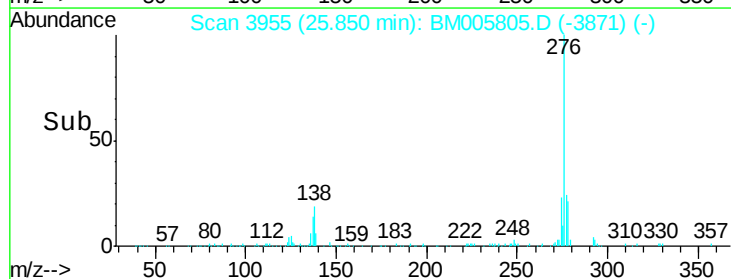
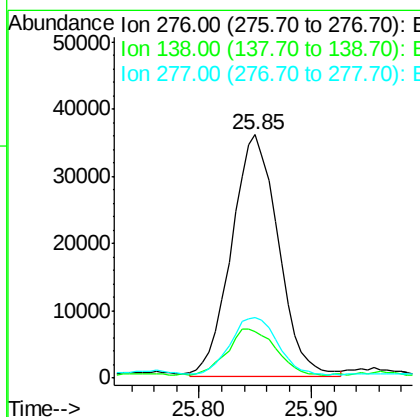
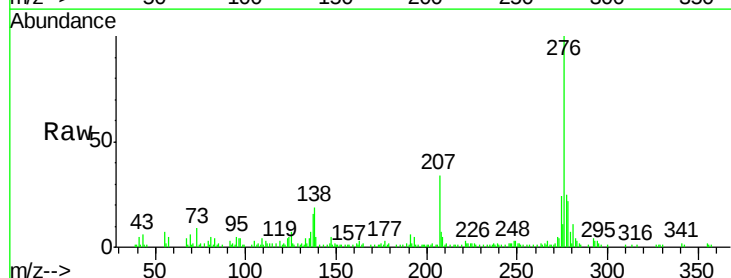
RT: 25.85 min Scan# 3955

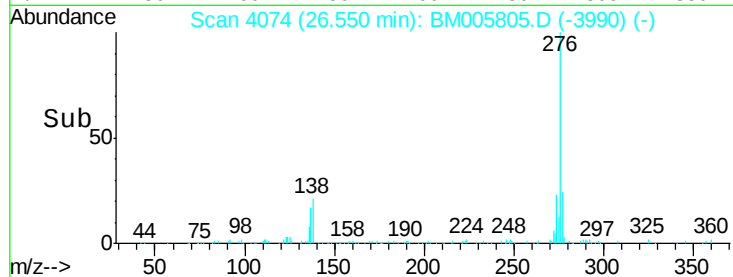
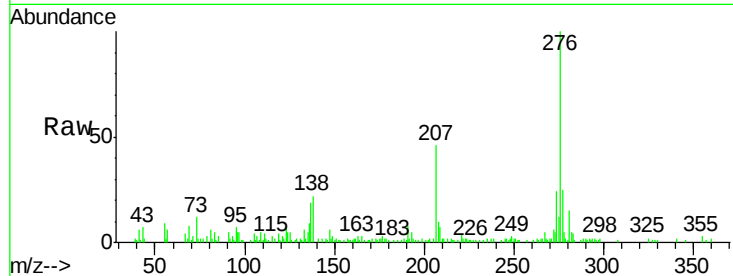
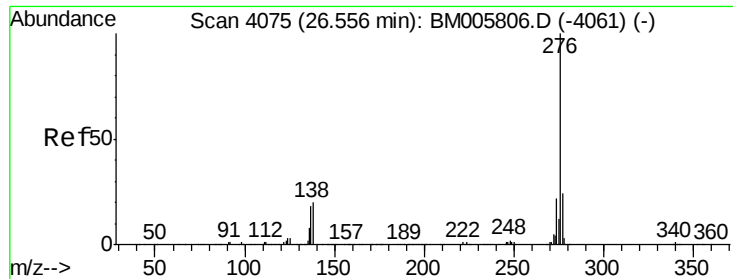
Delta R.T. -0.01 min

Lab File: BM005805.D

Acq: 15 Jun 2016 03:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	104018		
138	19.3	20.4	30.6#	
277	24.9	20.6	30.8	





#41

Benzo(g,h,i)perylene

Concen: 3.08 ng/ul

RT: 26.55 min Scan# 4074

Delta R.T. -0.01 min

Lab File: BM005805.D

Acq: 15 Jun 2016 03:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	89812		
138	22.3	16.6	25.0	
277	25.0	18.9	28.3	

Instrument :

BNA_M

ClientSampleId :

D9Y04MSD

Manual Integrations
APPROVED

sohil
6/15/2016 6:35:15 PM

