

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070116\
 Data File : BM006181.D
 Acq On : 01 Jul 2016 14:14
 Operator : UM/SJ
 Sample : H3777-15MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YC4MS

Manual Integrations
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Quant Time: Jul 01 17:57:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	353821	20.00	ng/ul	0.01
7) Naphthalene-d8	10.45	136	1595667	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.32	164	897725	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.07	188	1901639	20.00	ng/ul	0.02
29) Chrysene-d12	21.27	240	1427620	20.00	ng/ul	0.02
34) Perylene-d12	23.50	264	1456646	20.00	ng/ul	0.04

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	7790	1.02	ng/uL	0.00
3) Phenol-d5	6.85	99	464077	16.06	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.00	67	287555	16.87	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	363822	16.40	ng/ul	0.01
6) 4-Methylphenol-d8	8.38	113	325852	14.01	ng/ul	0.02
8) Nitrobenzene-d5	8.82	128	190923	17.76	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	219516	17.85	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	384170	17.12	ng/ul	0.02
12) 4-Chloroaniline-d4	10.59	131	220479	12.43	ng/ul	0.01
16) Dimethylphthalate-d6	13.73	166	1138823	17.70	ng/ul	0.01
17) Acenaphthylene-d8	14.00	160	1445301	18.51	ng/ul	0.01
20) 4-Nitrophenol-d4	14.54	143	178890	14.65	ng/ul	0.04
21) Fluorene-d10	15.32	176	990104	18.03	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.46	200	109392	16.24	ng/ul	0.03
26) Anthracene-d10	17.17	188	1434699	18.81	ng/ul	0.02
30) Pyrene-d10	19.47	212	1332573	23.18	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.36	264	1076151	18.56	ng/ul	0.04

Target Compounds

						Qvalue
19) Acenaphthene	14.38	153	810388	15.53	ng/ul	99
25) Phenanthrene	17.11	178	174864	1.94	ng/ul	98
28) Fluoranthene	19.13	202	407811	3.70	ng/ul	99
31) Pyrene	19.50	202	1705952	22.65	ng/ul	97
32) Benzo(a)anthracene	21.25	228	182944m	2.46	ng/ul	
33) Chrysene	21.30	228	210264m	3.08	ng/ul	
35) Benzo(b)fluoranthene	22.83	252	270041	3.57	ng/ul#	91
36) Benzo(k)fluoranthene	22.87	252	94103m	1.33	ng/ul	
38) Benzo(a)pyrene	23.40	252	188136	2.63	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	25.74	276	152808	2.06	ng/ul	96
41) Benzo(g,h,i)perylene	26.43	276	205708	3.31	ng/ul	95

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

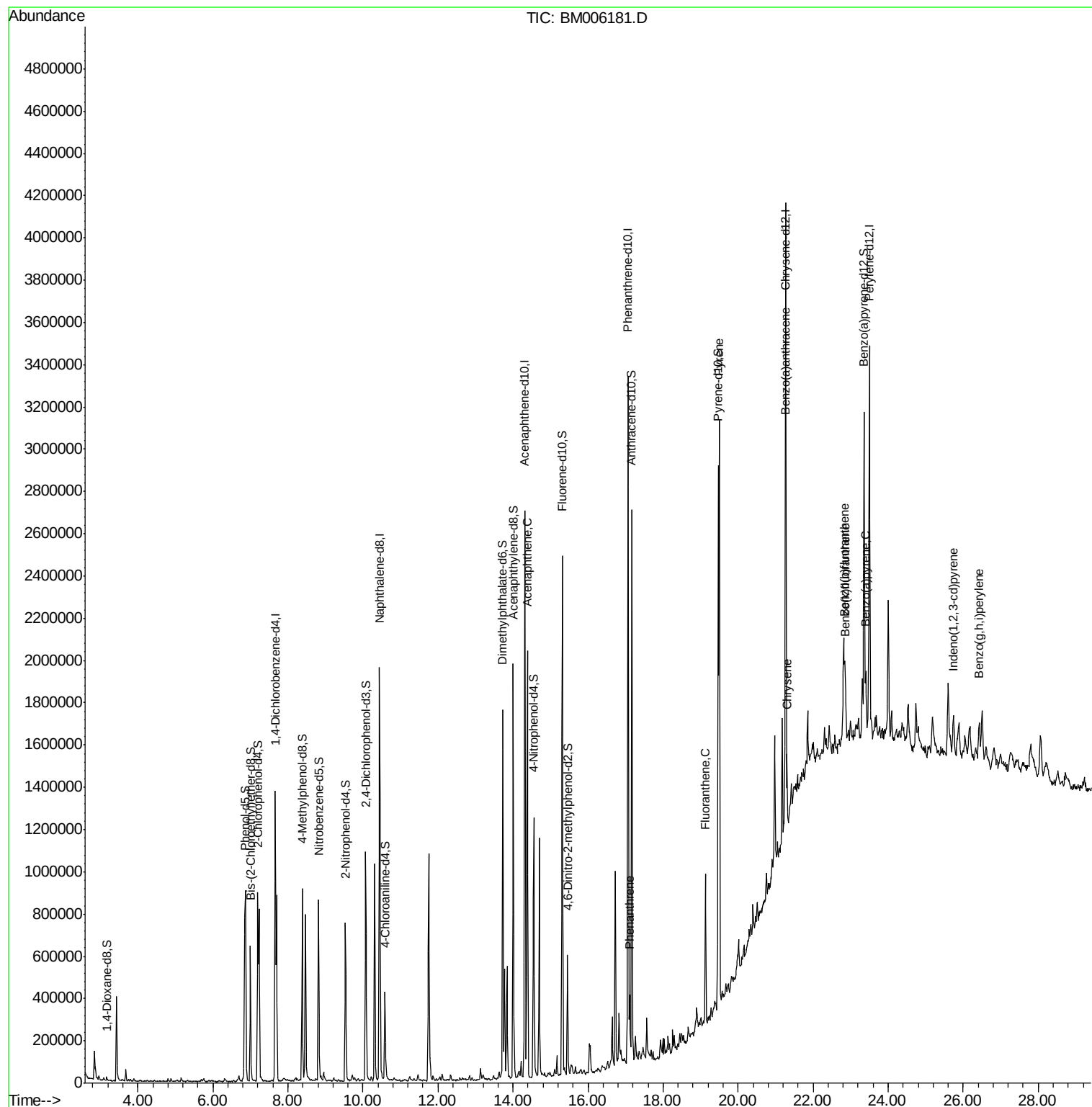
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070116\
Data File : BM006181.D
Acq On : 01 Jul 2016 14:14
Operator : UM/SJ
Sample : H3777-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

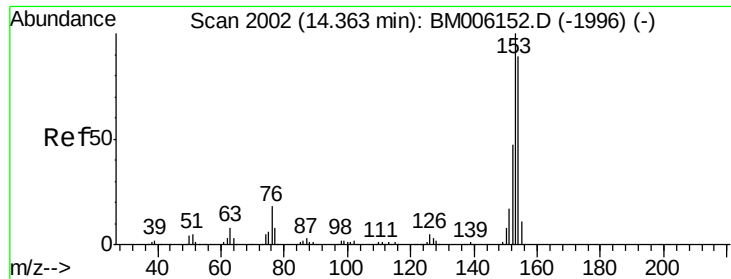
Instrument :
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Quant Time: Jul 01 17:57:21 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration





#19

Acenaphthene

Concen: 15.53 ng/ul

RT: 14.38 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BM006181.D

Acq: 01 Jul 2016 14:14

Instrument :

BNA_M

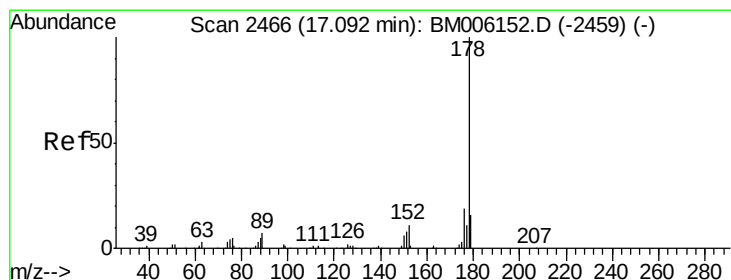
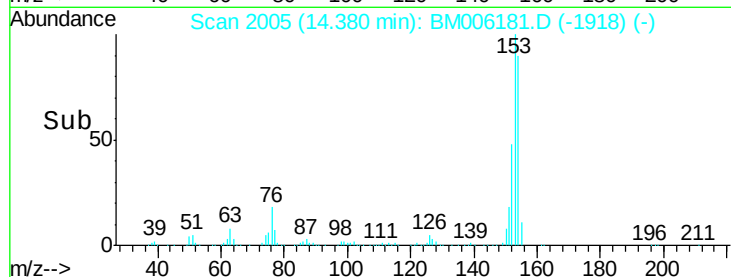
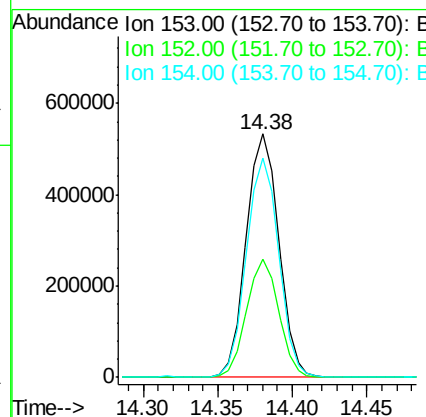
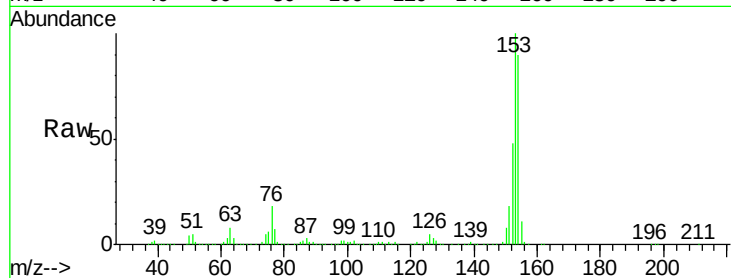
ClientSampleId :

D9YC4MS

Tgt Ion:	153	Resp:	810388
Ion Ratio	Lower	Upper	
153	100		
152	48.4	38.1	57.1
154	89.9	71.6	107.4

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#25

Phenanthrene

Concen: 1.94 ng/ul

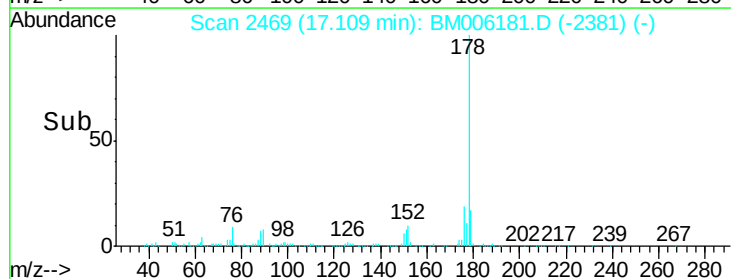
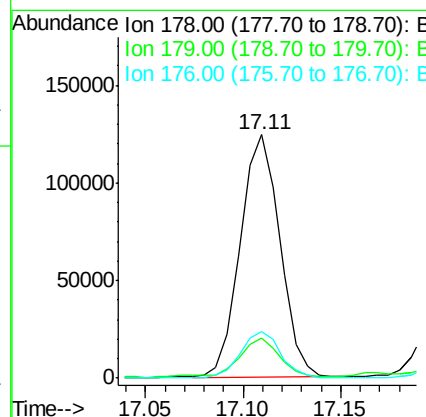
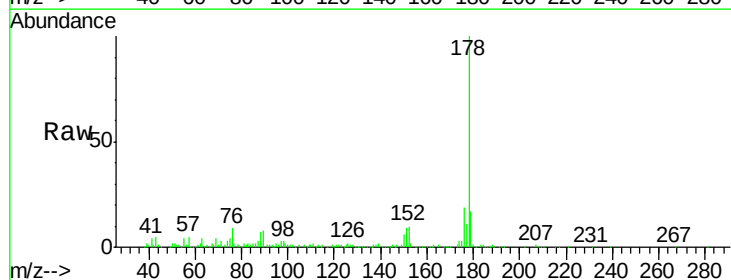
RT: 17.11 min Scan# 2469

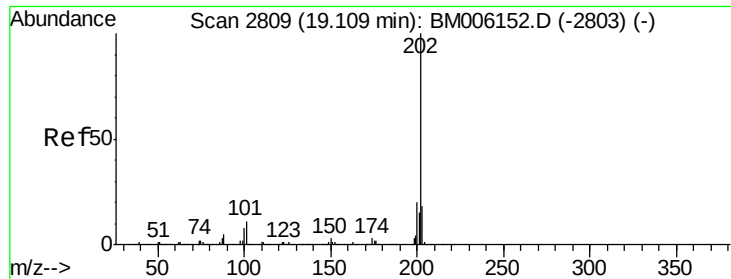
Delta R.T. 0.02 min

Lab File: BM006181.D

Acq: 01 Jul 2016 14:14

Tgt Ion:	178	Resp:	174864
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.2	18.2
176	19.2	15.3	22.9





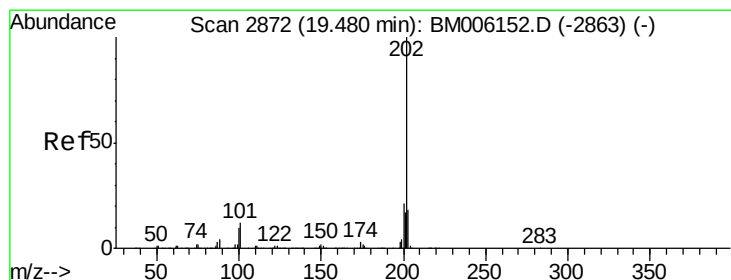
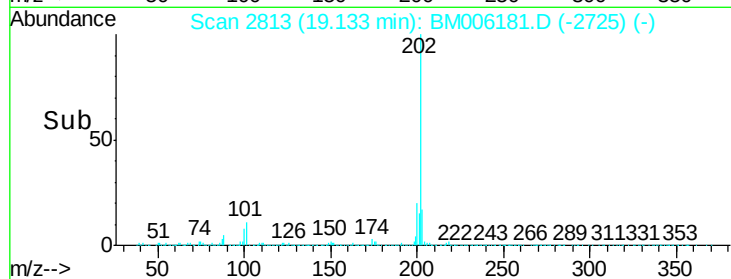
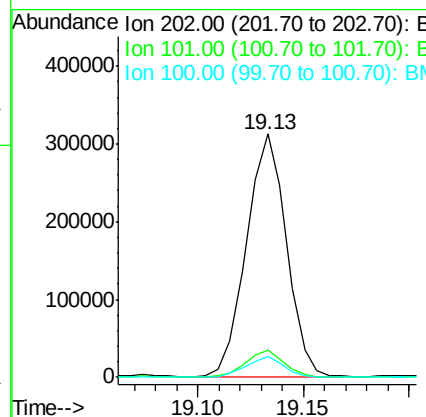
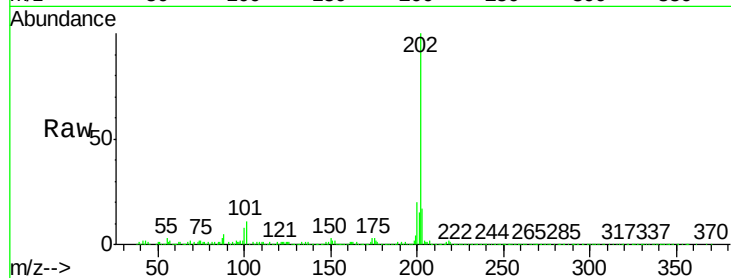
#28
 Fluoranthene
 Concen: 3.70 ng/ul
 RT: 19.13 min Scan# 2813
 Delta R.T. 0.02 min
 Lab File: BM006181.D
 Acq: 01 Jul 2016 14:14

Instrument :
 BNA_M
 ClientSampleId :
 D9YC4MS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		407811		
101	11.2	8.5	12.7		
100	8.4	6.5	9.7		

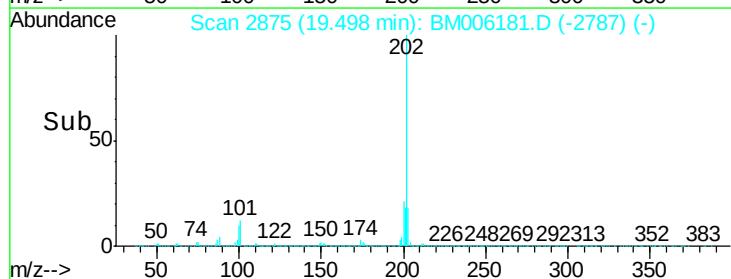
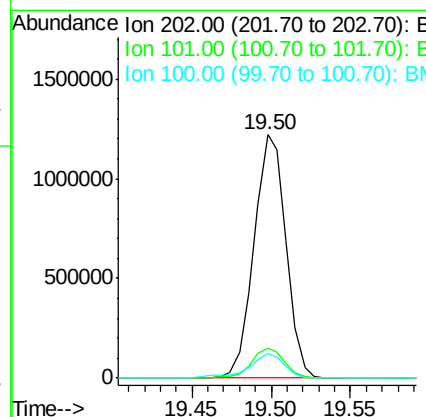
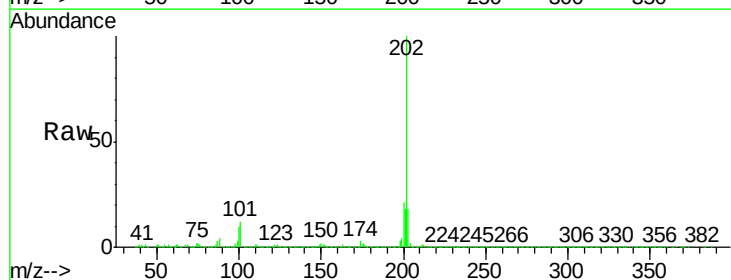
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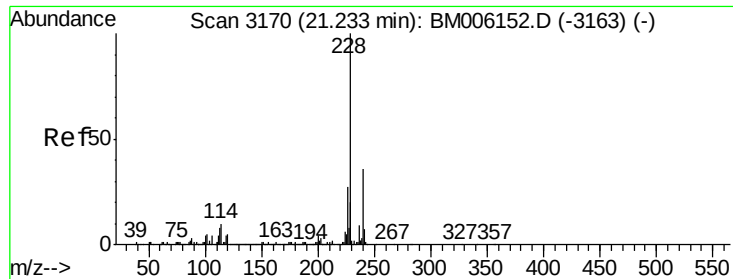
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#31
 Pyrene
 Concen: 22.65 ng/ul
 RT: 19.50 min Scan# 2875
 Delta R.T. 0.02 min
 Lab File: BM006181.D
 Acq: 01 Jul 2016 14:14

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		1705952		
101	12.4	11.0	16.4		
100	10.0	8.9	13.3		





#32

Benzo(a)anthracene

Concen: 2.46 ng/ul m

RT: 21.25 min Scan# 3173

Delta R.T. 0.02 min

Lab File: BM006181.D

Acq: 01 Jul 2016 14:14

Instrument :

BNA_M

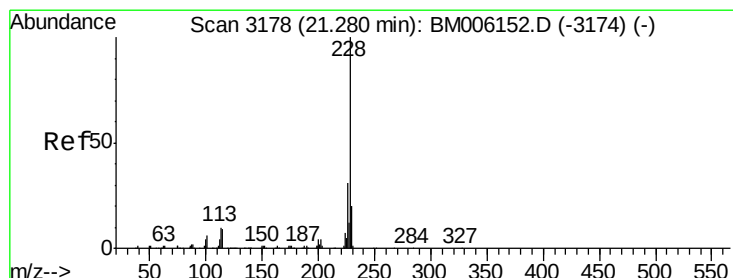
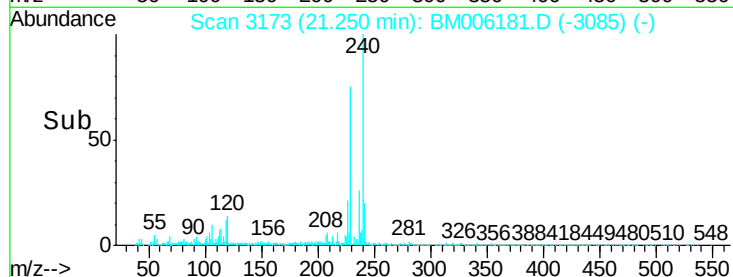
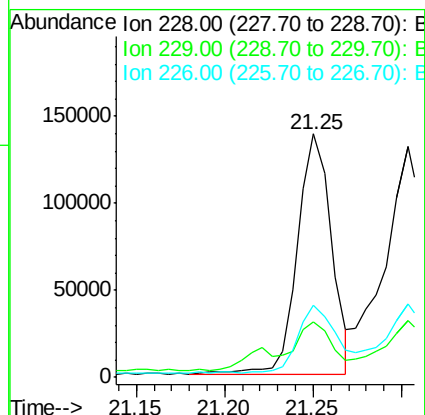
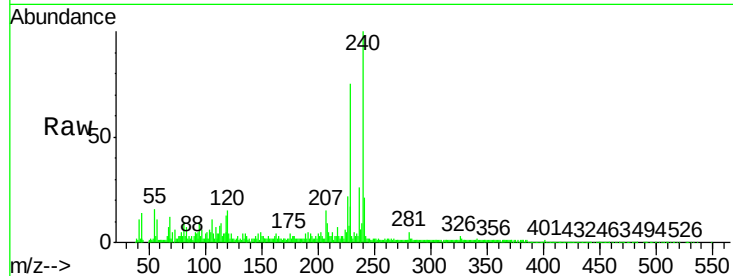
ClientSampleId :

D9YC4MS

Tgt Ion:	228	Resp:	182944
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.6	23.4
226	29.8	21.6	32.4

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#33

Chrysene

Concen: 3.08 ng/ul m

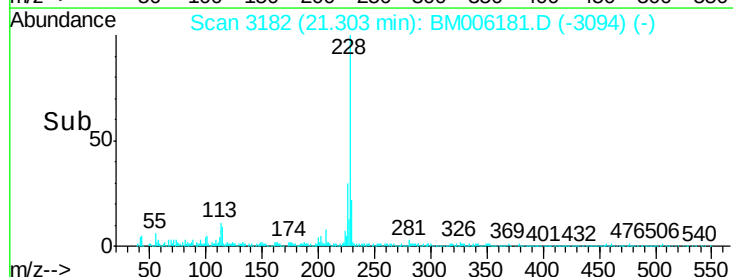
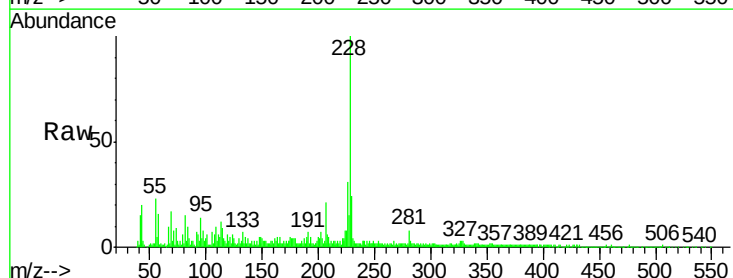
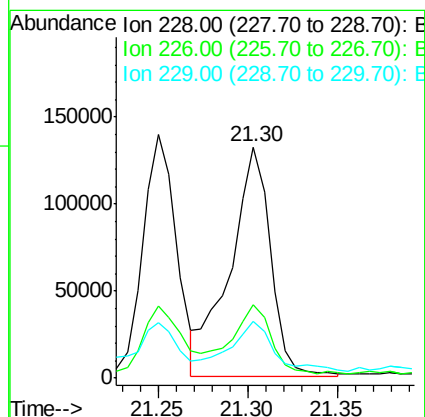
RT: 21.30 min Scan# 3182

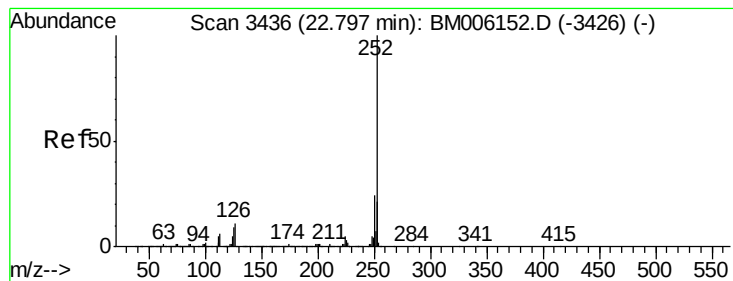
Delta R.T. 0.02 min

Lab File: BM006181.D

Acq: 01 Jul 2016 14:14

Tgt Ion:	228	Resp:	210264
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.8	35.6
229	24.3	15.8	23.6#





#35

Benzo(b)fluoranthene

Concen: 3.57 ng/ul

RT: 22.83 min Scan# 3442

Delta R.T. 0.04 min

Lab File: BM006181.D

Acq: 01 Jul 2016 14:14

Instrument :

BNA_M

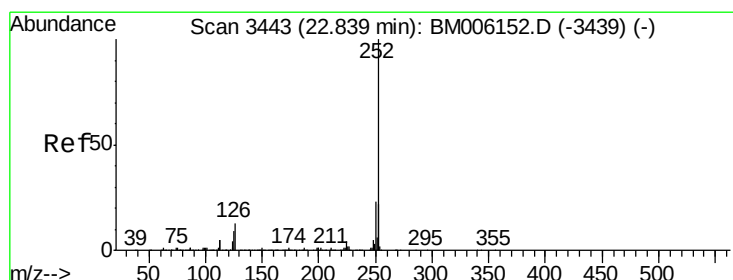
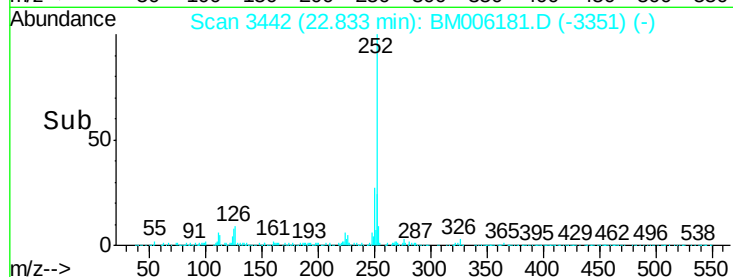
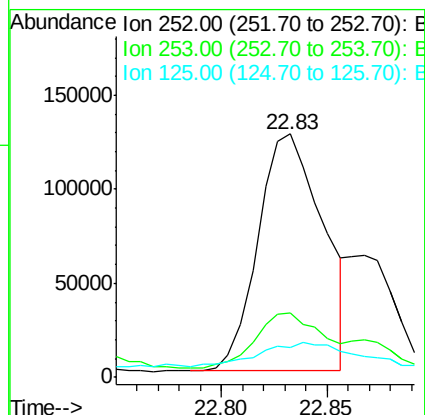
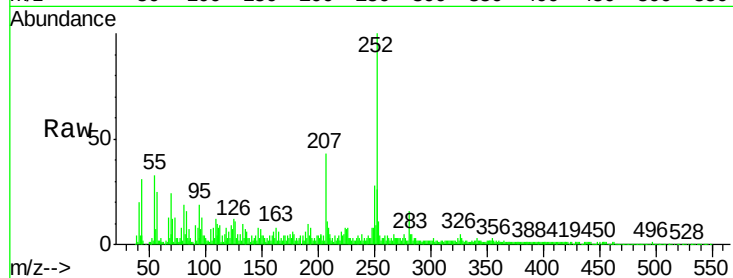
ClientSampleId :

D9YC4MS

Tgt Ion:	252	Resp:	270041
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.2	25.8#
125	12.3	7.8	11.6#

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#36

Benzo(k)fluoranthene

Concen: 1.33 ng/ul m

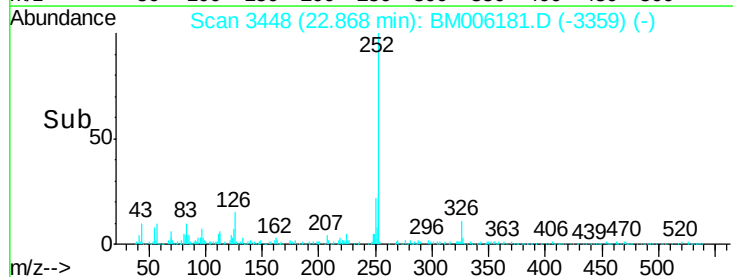
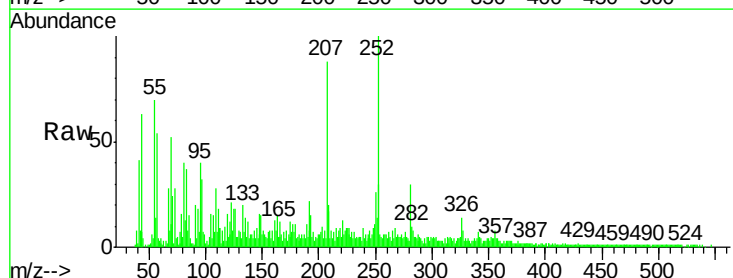
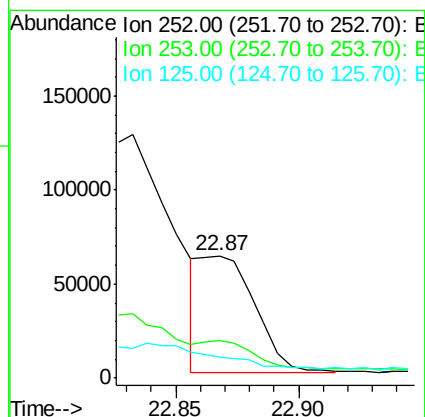
RT: 22.87 min Scan# 3448

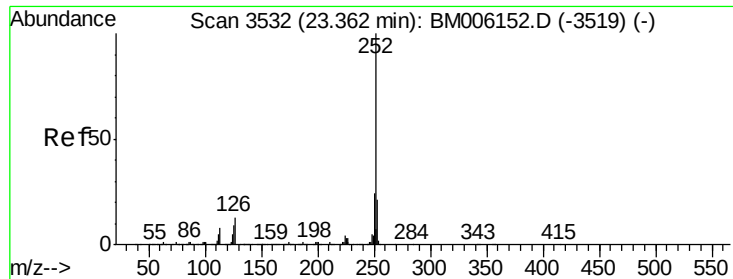
Delta R.T. 0.02 min

Lab File: BM006181.D

Acq: 01 Jul 2016 14:14

Tgt Ion:	252	Resp:	94103
Ion Ratio	Lower	Upper	
252	100		
253	30.1	17.6	26.4#
125	17.5	8.1	12.1#





#38

Benzo(a)pyrene

Concen: 2.63 ng/ul

RT: 23.40 min Scan# 3539

Delta R.T. 0.04 min

Lab File: BM006181.D

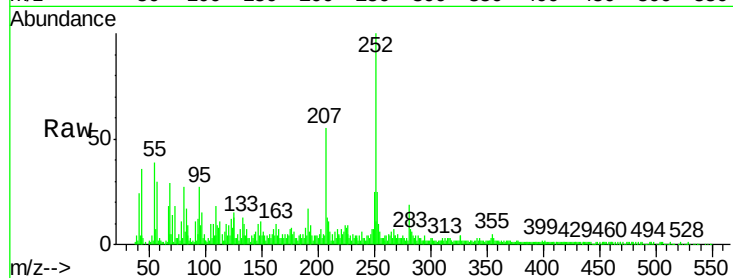
Acq: 01 Jul 2016 14:14

Instrument :

BNA_M

ClientSampleId :

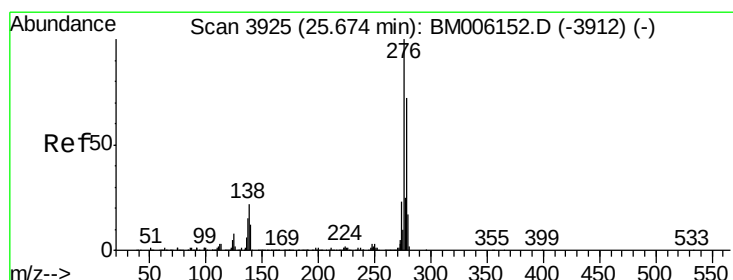
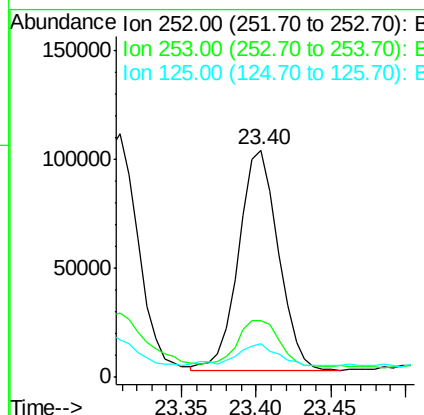
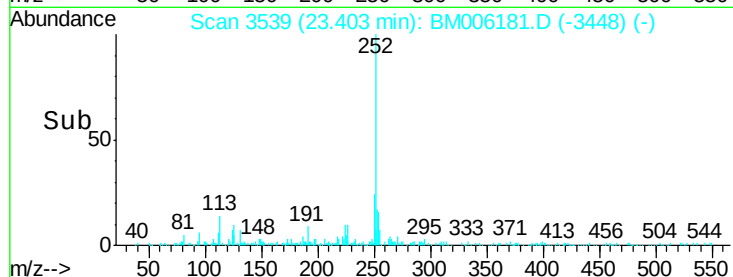
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	188136		
253	25.2	17.8	26.6	
125	14.7	8.7	13.1#	

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#39

Indeno(1,2,3-cd)pyrene

Concen: 2.06 ng/ul

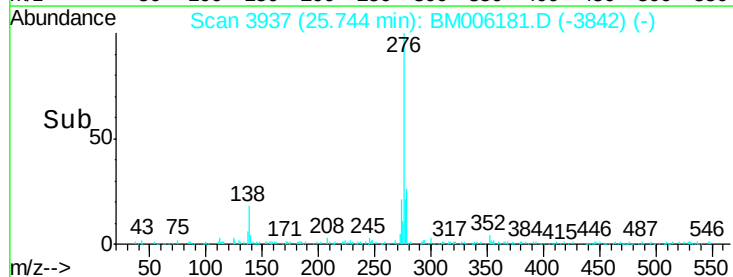
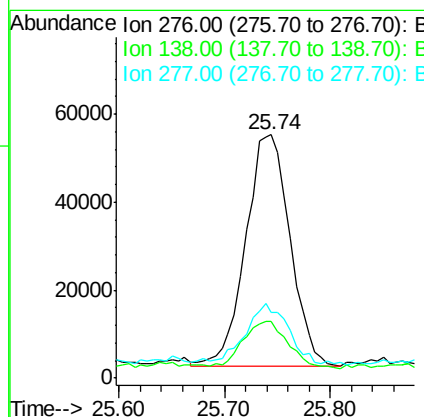
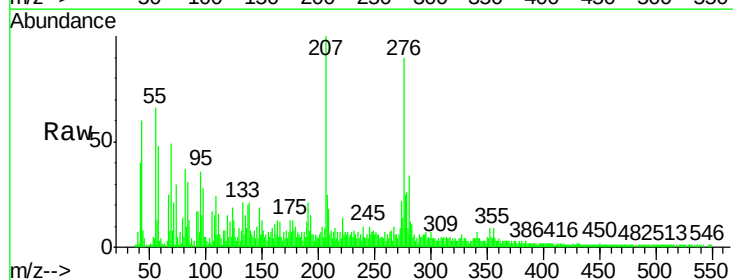
RT: 25.74 min Scan# 3937

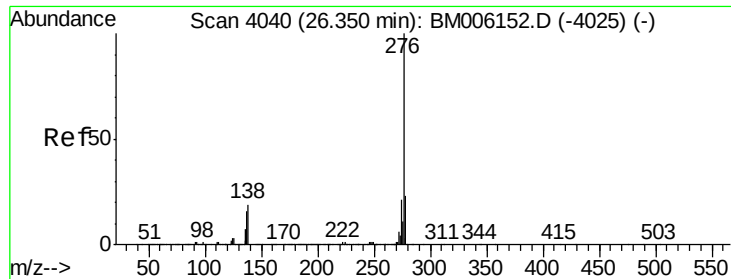
Delta R.T. 0.06 min

Lab File: BM006181.D

Acq: 01 Jul 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	152808		
138	23.1	20.4	30.6	
277	27.2	20.6	30.8	





#41

Benzo(g,h,i)perylene

Concen: 3.31 ng/ul

RT: 26.43 min Scan# 4054

Delta R.T. 0.08 min

Lab File: BM006181.D

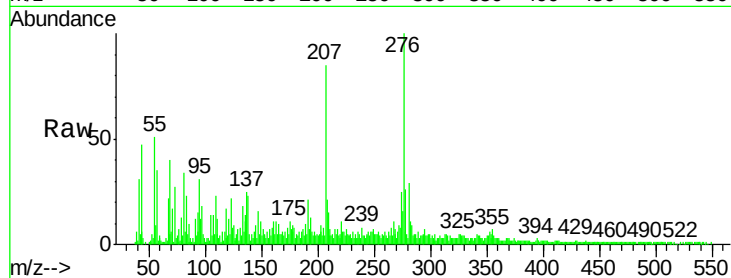
Acq: 01 Jul 2016 14:14

Instrument :

BNA_M

ClientSampleId :

D9YC4MS



Tgt Ion: 276 Resp: 205708

Ion Ratio Lower Upper

276 100

138 22.8 16.6 25.0

277 26.2 18.9 28.3

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