

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
 Data File : BM006088.D
 Acq On : 28 Jun 2016 02:09
 Operator : UM/SJ
 Sample : H3779-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YE8

Manual Integrations
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Quant Time: Jun 28 04:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 28 02:11:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	298915	20.00	ng/ul	0.00
7) Naphthalene-d8	10.45	136	1452384	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.32	164	887725	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	2121721	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	2018419	20.00	ng/ul	0.00
34) Perylene-d12	23.49	264	1800878	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	4525	0.68	ng/uL	0.00
3) Phenol-d5	6.84	99	273426	8.70	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	163161	9.33	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	209989	9.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	188476	7.10	ng/ul	0.00
8) Nitrobenzene-d5	8.82	128	109668	9.92	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	105561	8.58	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.07	165	225485	9.55	ng/ul	0.00
12) 4-Chloroaniline-d4	10.59	131	218338	8.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	707720	9.31	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	933852	10.59	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	117802	7.27	ng/ul	0.00
21) Fluorene-d10	15.31	176	667507	10.29	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	17487	1.48	ng/ul	0.00
26) Anthracene-d10	17.16	188	1081736	11.10	ng/ul	0.00
30) Pyrene-d10	19.46	212	1225951	13.87	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.34	264	874111	10.75	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.10	178	339083	2.97	ng/ul	99
28) Fluoranthene	19.13	202	975391	6.67	ng/ul	99
31) Pyrene	19.49	202	737330	6.38	ng/ul	96
32) Benzo(a)anthracene	21.24	228	426416	3.56	ng/ul	95
33) Chrysene	21.30	228	412806	3.77	ng/ul	96
35) Benzo(b)fluoranthene	22.82	252	536283	5.13	ng/ul#	93
36) Benzo(k)fluoranthene	22.86	252	135588m	1.39	ng/ul	
38) Benzo(a)pyrene	23.39	252	306925	3.06	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.71	276	225995	1.89	ng/ul#	92
41) Benzo(g,h,i)perylene	26.39	276	189956	1.84	ng/ul	95

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

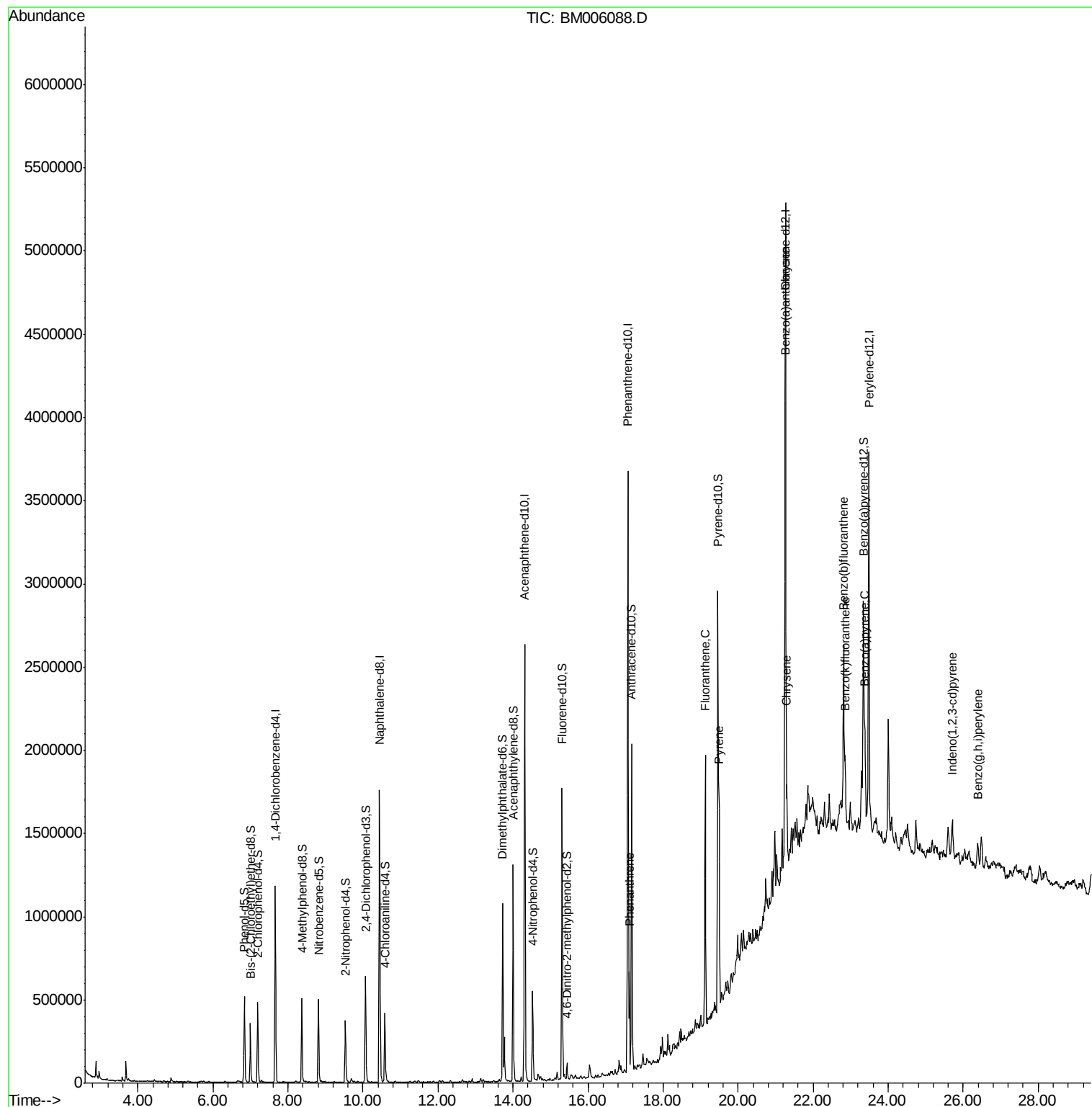
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
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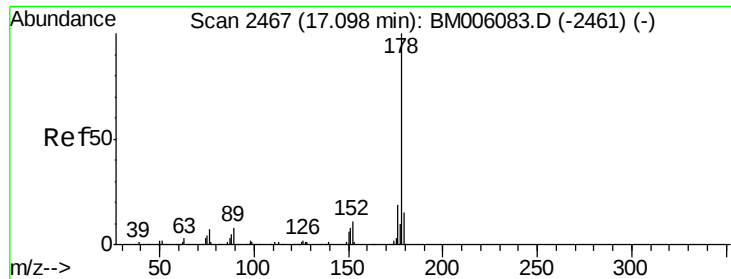
Instrument :
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Quant Time: Jun 28 04:21:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 2.97 ng/ul

RT: 17.10 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BM006088.D

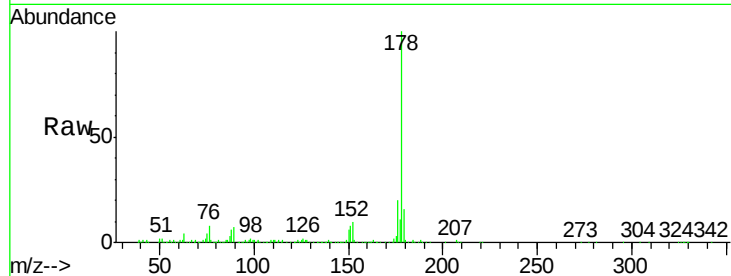
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Instrument :

BNA_M

ClientSampleId :

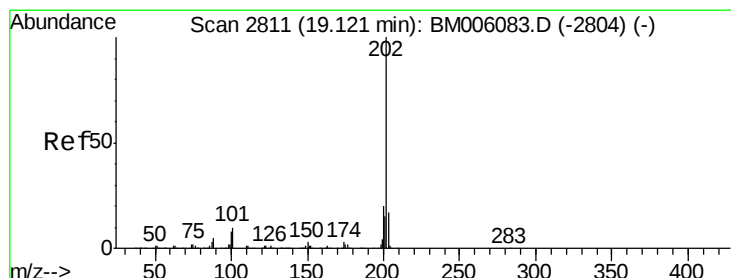
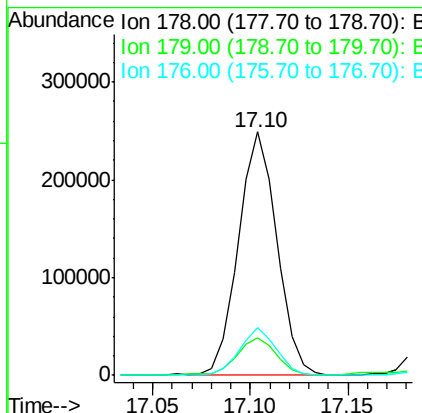
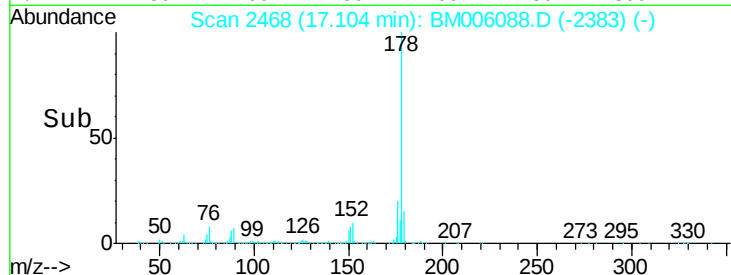
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	339083		
179	15.5	12.2	18.2	
176	19.6	15.3	22.9	

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#28

Fluoranthene

Concen: 6.67 ng/ul

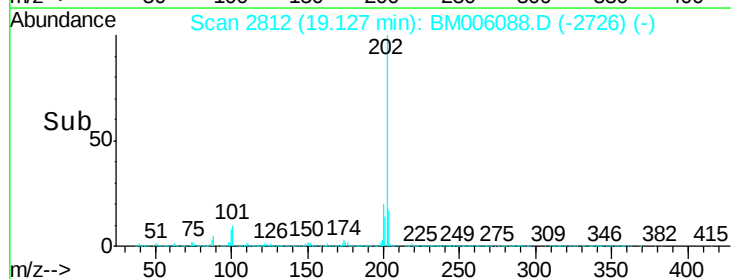
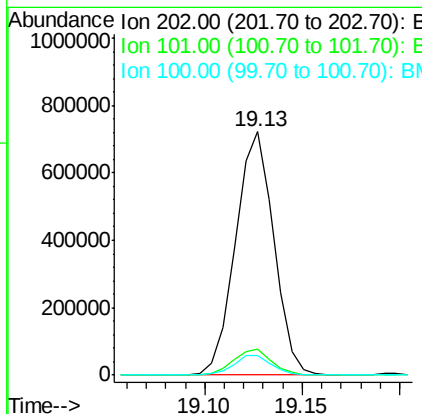
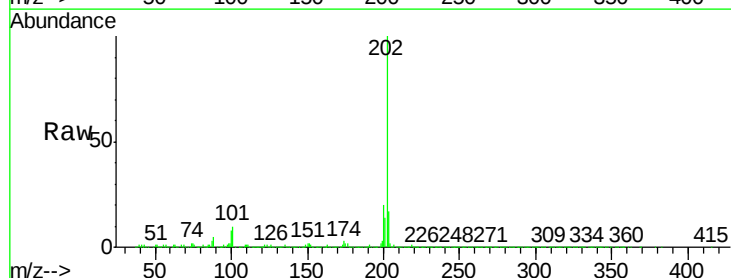
RT: 19.13 min Scan# 2812

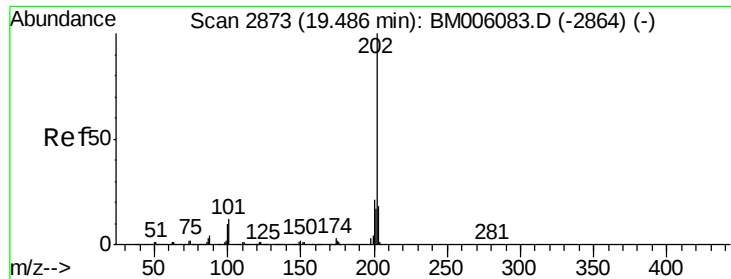
Delta R.T. 0.01 min

Lab File: BM006088.D

Acq: 28 Jun 2016 02:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	975391		
101	10.5	8.5	12.7	
100	7.8	6.5	9.7	





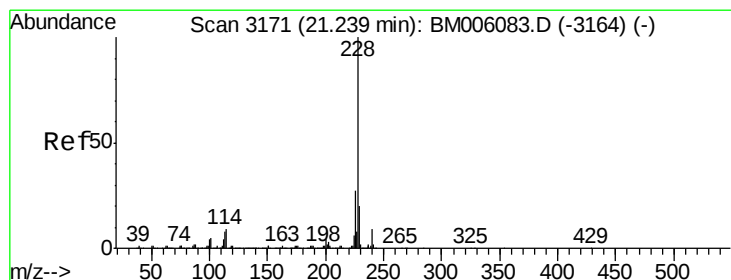
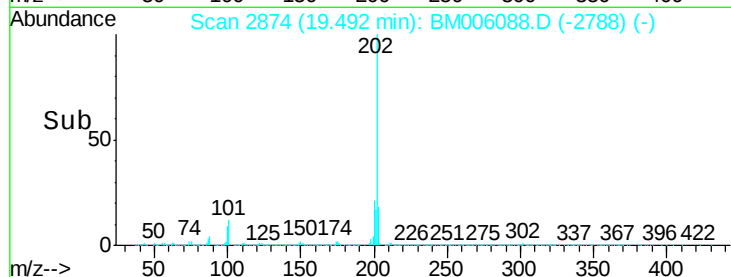
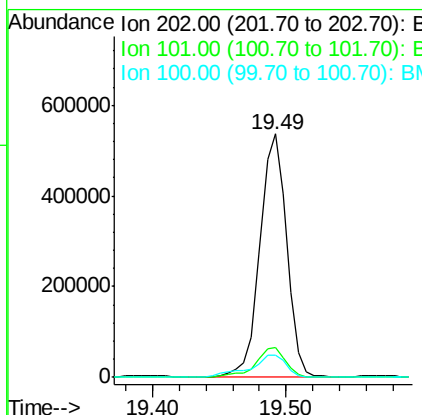
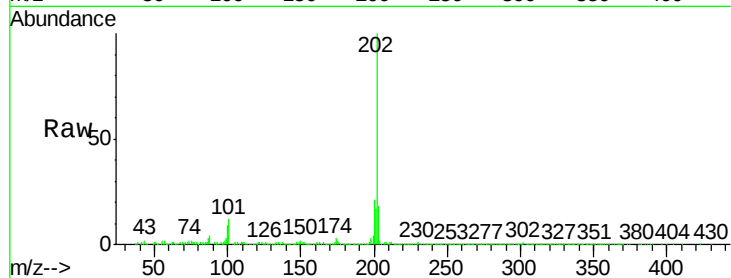
#31
 Pyrene
 Concen: 6.38 ng/ul
 RT: 19.49 min Scan# 2874
 Delta R.T. 0.01 min
 Lab File: BM006088.D
 Acq: 28 Jun 2016 02:09

Instrument :
 BNA_M
 ClientSampleId :
 D9YE8

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	11.0	16.4
100	9.1	8.9	13.3

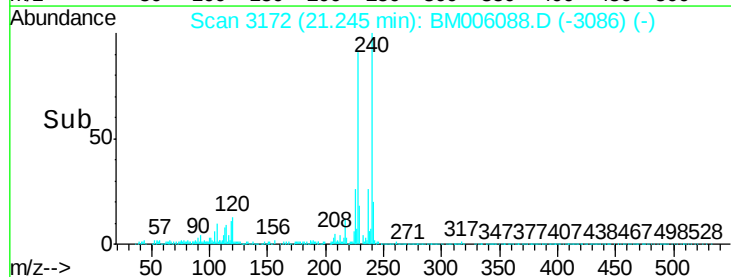
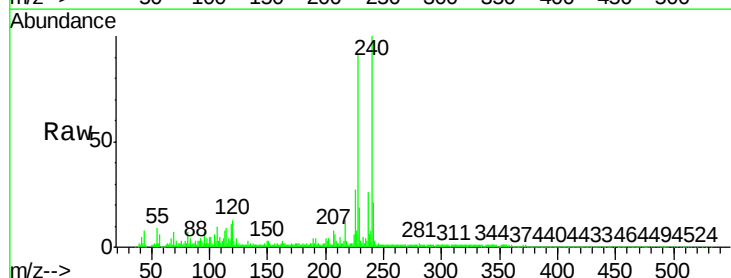
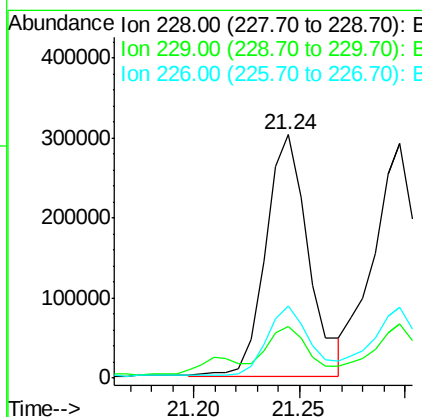
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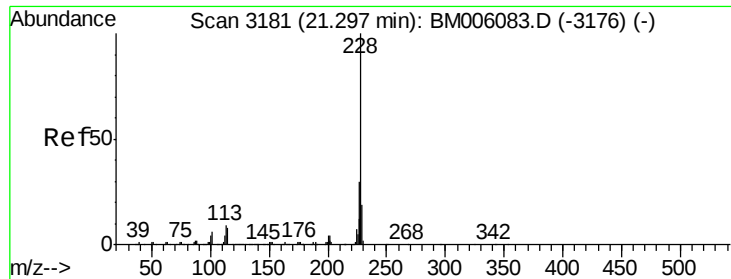
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#32
 Benzo(a)anthracene
 Concen: 3.56 ng/ul
 RT: 21.24 min Scan# 3172
 Delta R.T. 0.01 min
 Lab File: BM006088.D
 Acq: 28 Jun 2016 02:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	15.6	23.4
226	29.9	21.6	32.4





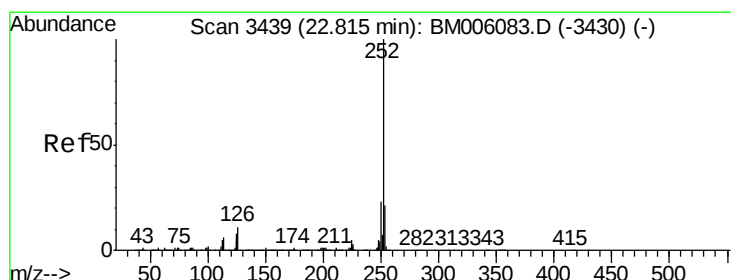
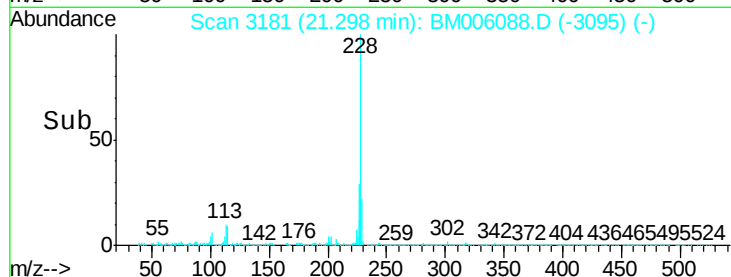
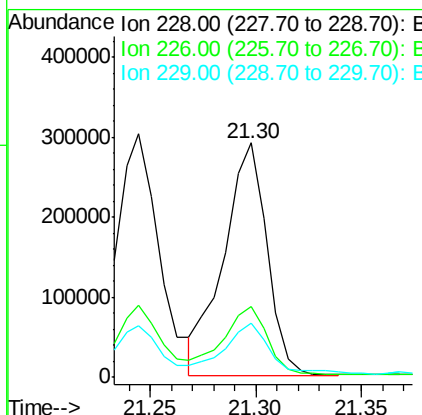
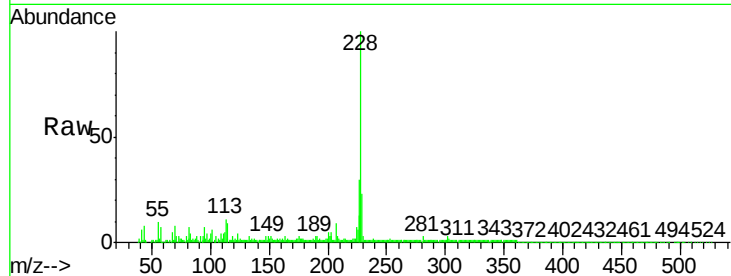
#33
Chrysene
Concen: 3.77 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM006088.D
Acq: 28 Jun 2016 02:09

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	412806		
226	30.3	23.8	35.6	
229	23.1	15.8	23.6	

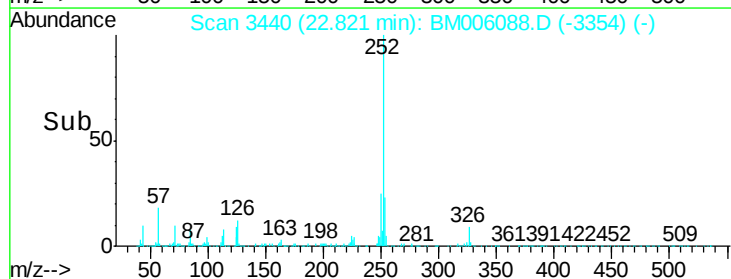
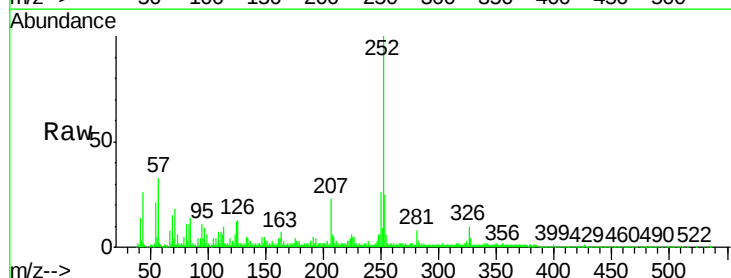
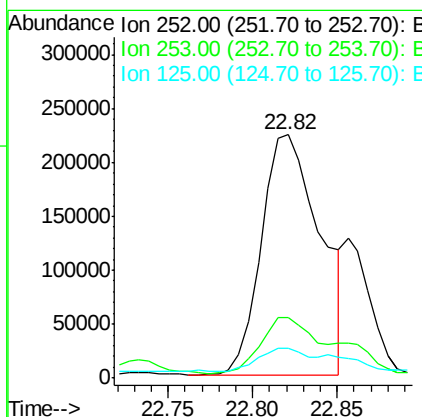
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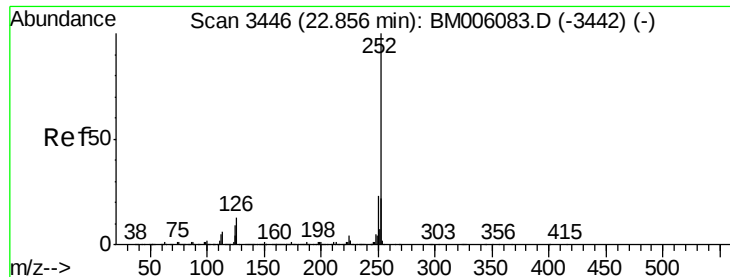
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#35
Benzo(b)fluoranthene
Concen: 5.13 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM006088.D
Acq: 28 Jun 2016 02:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	536283		
253	24.8	17.2	25.8	
125	12.2	7.8	11.6	





#36

Benzo(k)fluoranthene

Concen: 1.39 ng/ul m

RT: 22.86 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM006088.D

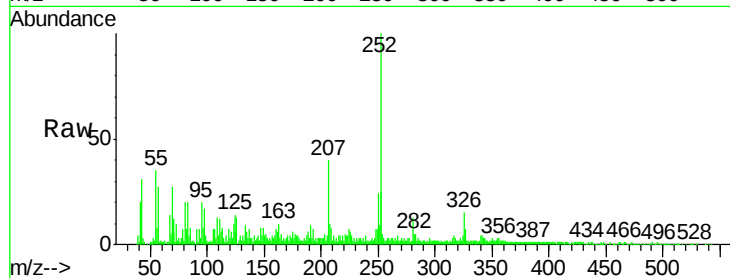
Acq: 28 Jun 2016 02:09

Instrument :

BNA_M

ClientSampleId :

D9YE8



Tgt Ion:252 Resp: 135588

Ion Ratio Lower Upper

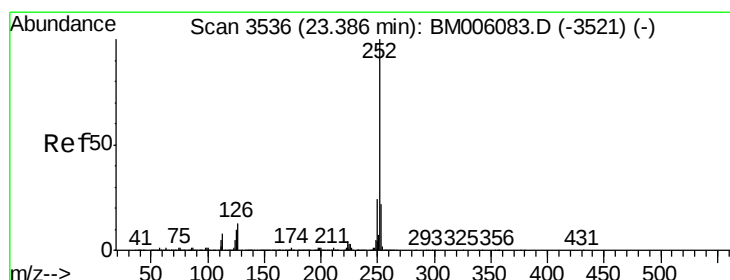
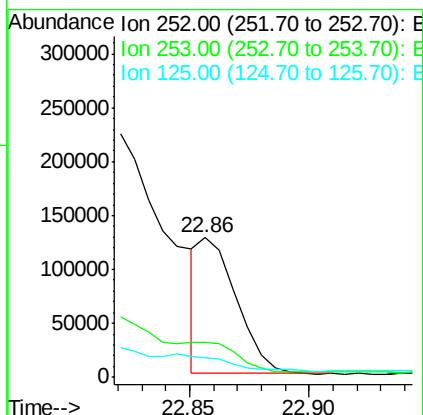
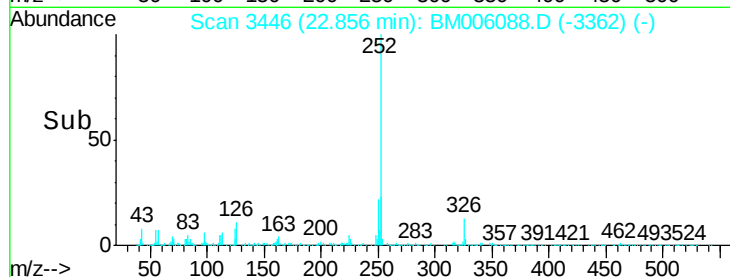
252 100

253 25.4 17.6 26.4

125 14.3 8.1 12.1#

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#38

Benzo(a)pyrene

Concen: 3.06 ng/ul

RT: 23.39 min Scan# 3536

Delta R.T. 0.00 min

Lab File: BM006088.D

Acq: 28 Jun 2016 02:09

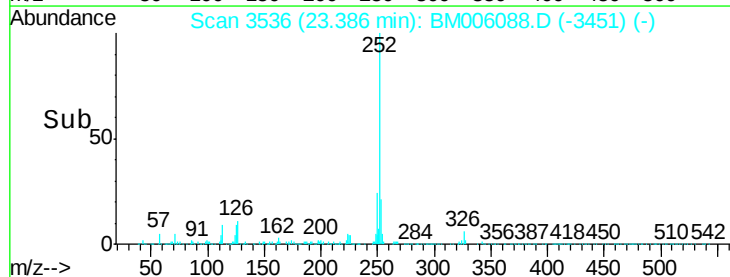
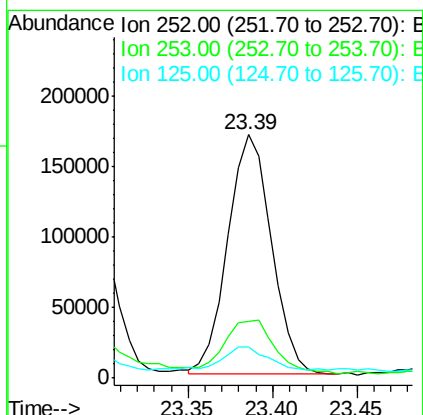
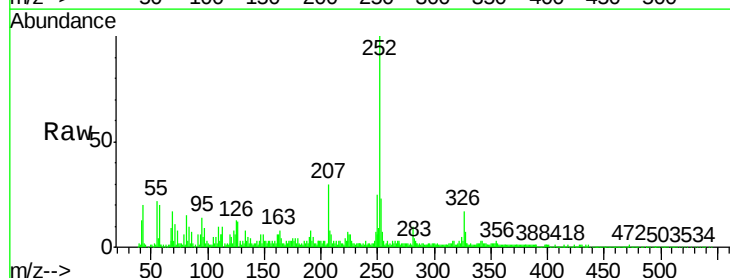
Tgt Ion:252 Resp: 306925

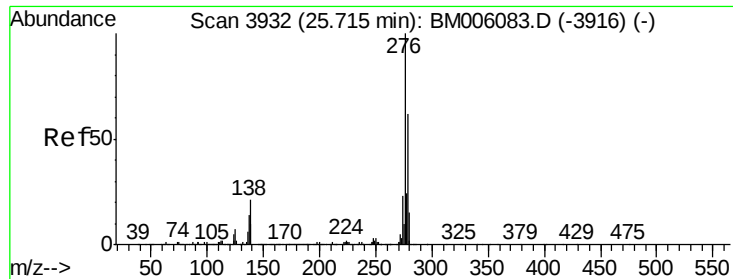
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 13.0 8.7 13.1





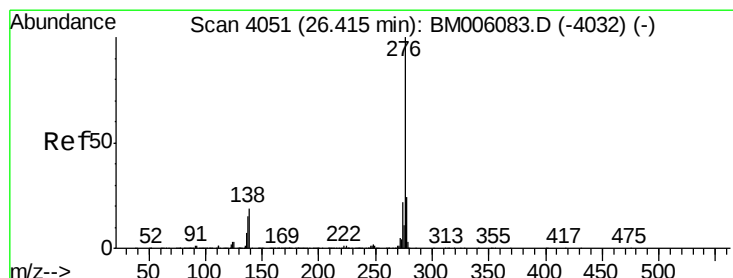
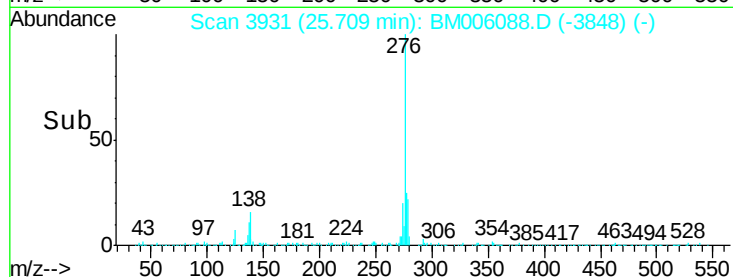
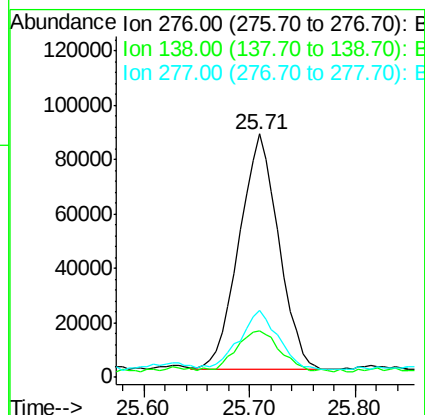
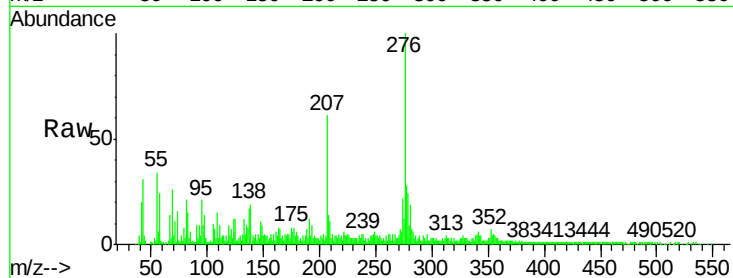
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 1.89 ng/ul
 RT: 25.71 min Scan# 3931
 Delta R.T. -0.01 min
 Lab File: BM006088.D
 Acq: 28 Jun 2016 02:09

Instrument :
 BNA_M
 ClientSampleId :
 D9YE8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	20.4	30.6#
277	27.6	20.6	30.8

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#41
 Benzo(g,h,i)perylene
 Concen: 1.84 ng/ul
 RT: 26.39 min Scan# 4047
 Delta R.T. -0.01 min
 Lab File: BM006088.D
 Acq: 28 Jun 2016 02:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.6	25.0
277	27.8	18.9	28.3

