

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006038.D
 Acq On : 26 Jun 2016 13:48
 Operator : UM/SJ
 Sample : H3669-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y71

Manual Integrations
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Quant Time: Jun 27 05:31:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 27 05:15:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	171148	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	871241	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	605876	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1583133	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2048801	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2183413	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	4552	1.19	ng/uL	0.00
3) Phenol-d5	6.83	99	166680	9.26	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	114761	11.46	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	131475	10.48	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	97012	6.38	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	73100	11.02	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	78948	10.70	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	153848	10.87	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	165625	10.78	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	597242	11.51	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	742385	12.34	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	69211	6.26	ng/ul	0.00
21) Fluorene-d10	15.30	176	572132	12.92	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	60856	6.92	ng/ul	0.00
26) Anthracene-d10	17.14	188	945031	13.00	ng/ul	0.00
30) Pyrene-d10	19.44	212	1169063	13.03	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1258175	12.76	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.09	178	237245	2.79	ng/ul	99
28) Fluoranthene	19.11	202	428769	3.93	ng/ul	98
31) Pyrene	19.47	202	376627	3.21	ng/ul	99
32) Benzo(a)anthracene	21.23	228	236263	1.94	ng/ul	97
33) Chrysene	21.28	228	284181	2.56	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	389984	3.07	ng/ul#	97
36) Benzo(k)fluoranthene	22.84	252	125252m	1.06	ng/ul	
38) Benzo(a)pyrene	23.37	252	240742	1.98	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.69	276	171215	1.18	ng/ul	96
41) Benzo(g,h,i)perylene	26.37	276	163232	1.30	ng/ul	97

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

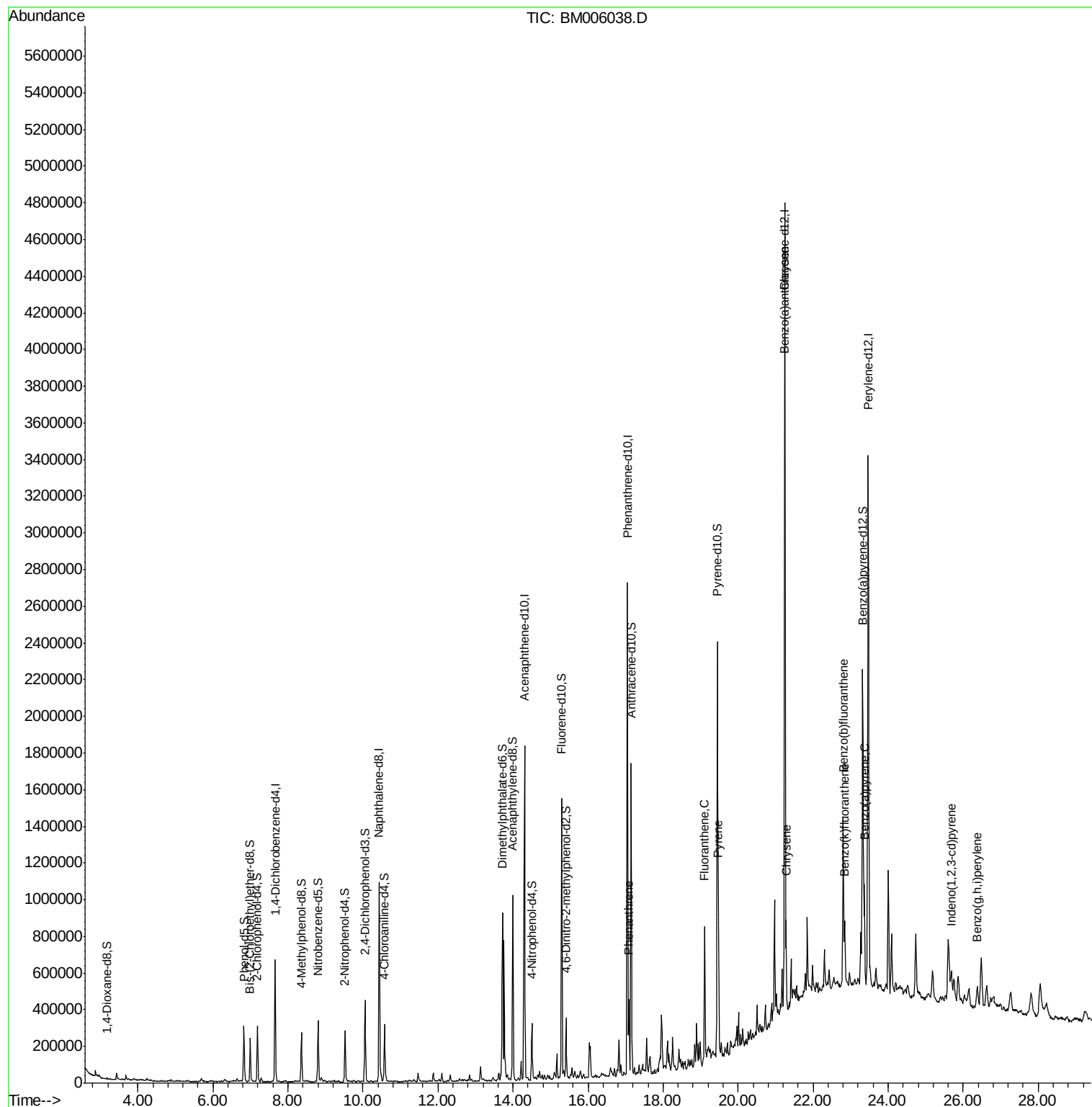
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006038.D
Acq On : 26 Jun 2016 13:48
Operator : UM/SJ
Sample : H3669-18
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ALS Vial : 7 Sample Multiplier: 1

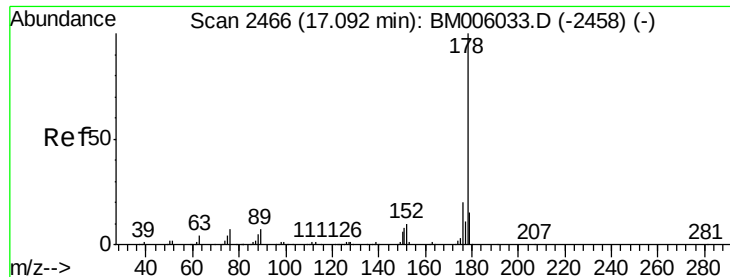
Instrument :
BNA_M
ClientSampleId :
D9Y71

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Quant Time: Jun 27 05:31:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration





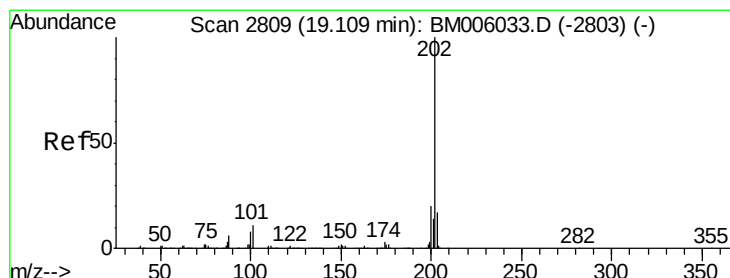
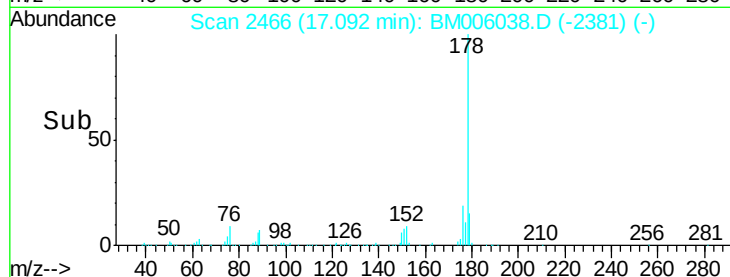
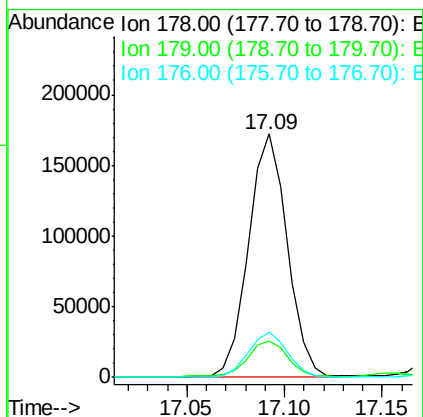
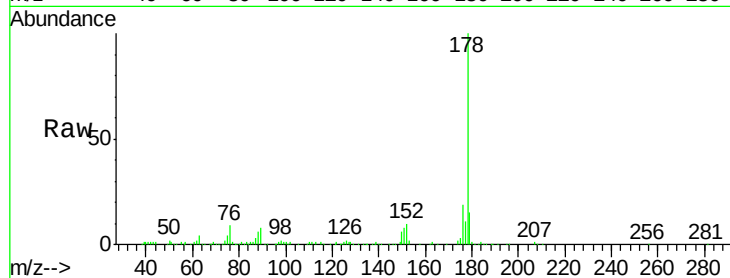
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Phenanthrene
Concen: 2.79 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006038.D
Acq: 26 Jun 2016 13:48

Instrument :
BNA_M
ClientSampleId :
D9Y71

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.1	18.1
176	18.6	15.4	23.0

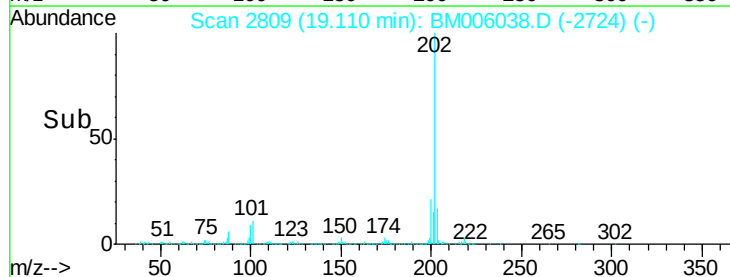
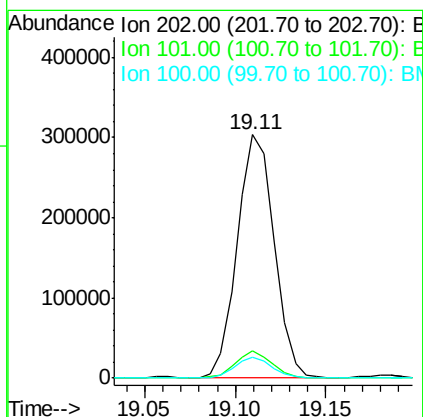
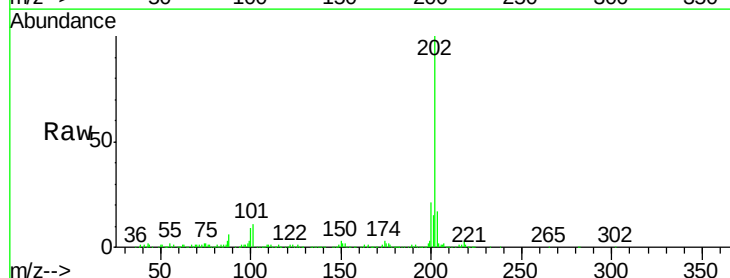
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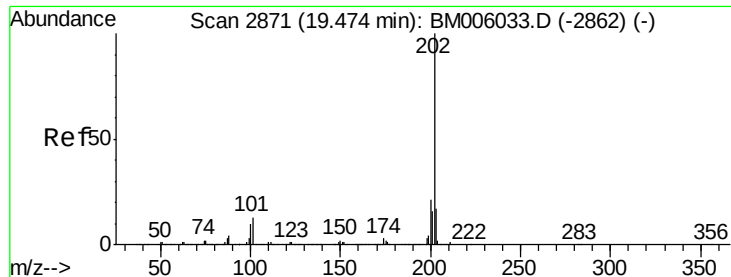
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#28
Fluoranthene
Concen: 3.93 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BM006038.D
Acq: 26 Jun 2016 13:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.2	12.4
100	8.6	6.3	9.5





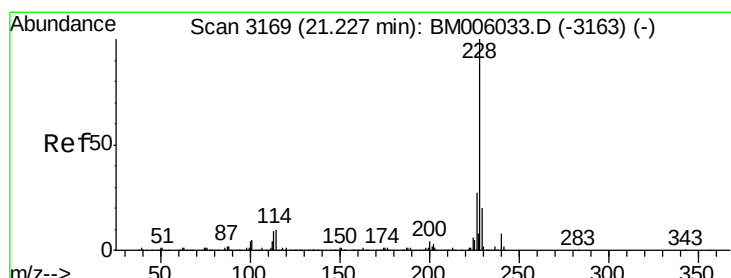
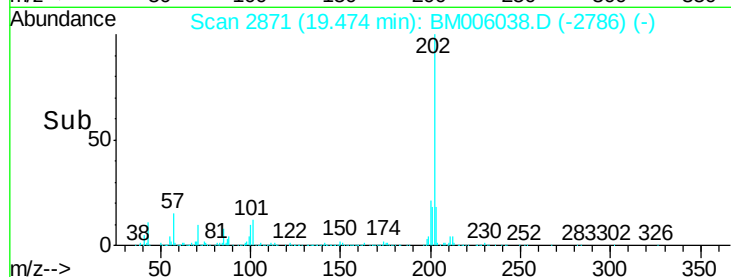
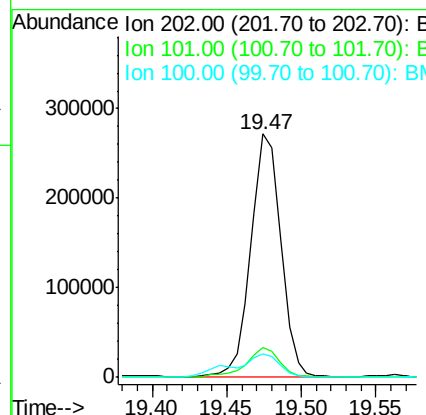
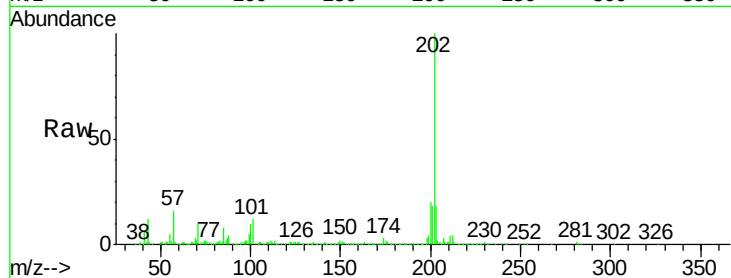
#31
Pyrene
Concen: 3.21 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BM006038.D
Acq: 26 Jun 2016 13:48

Instrument :
BNA_M
ClientSampleId :
D9Y71

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	9.8	14.6
100	9.7	8.2	12.2

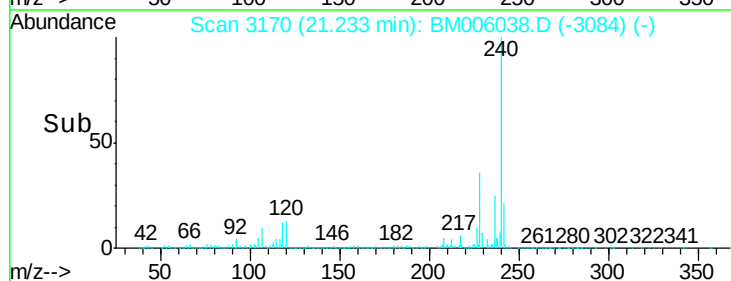
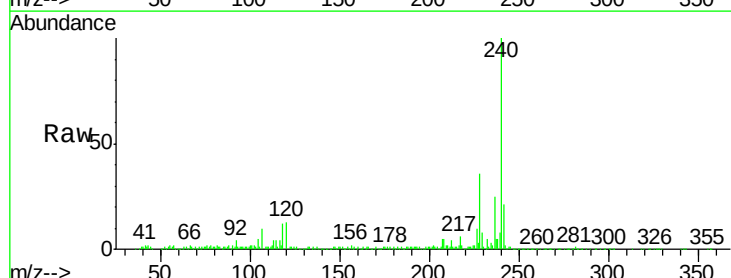
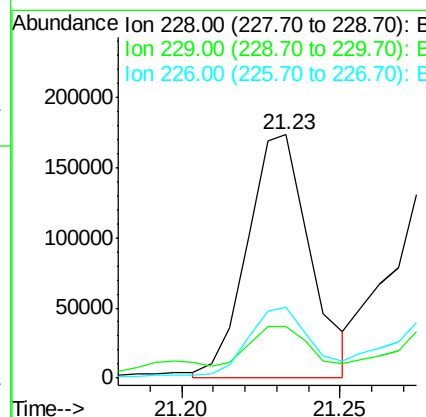
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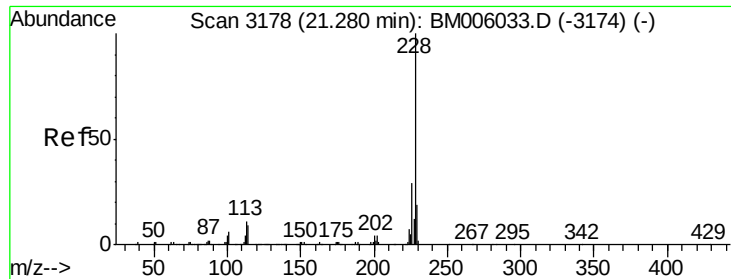
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#32
Benzo(a)anthracene
Concen: 1.94 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BM006038.D
Acq: 26 Jun 2016 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.8	23.6
226	28.8	21.5	32.3





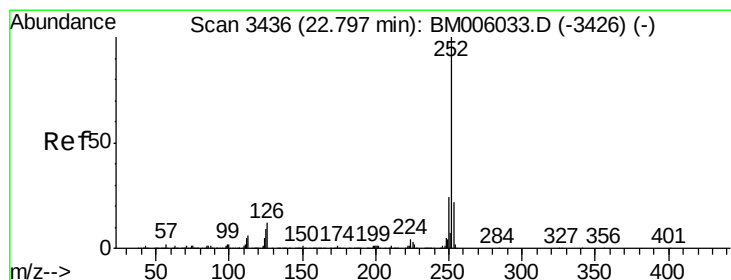
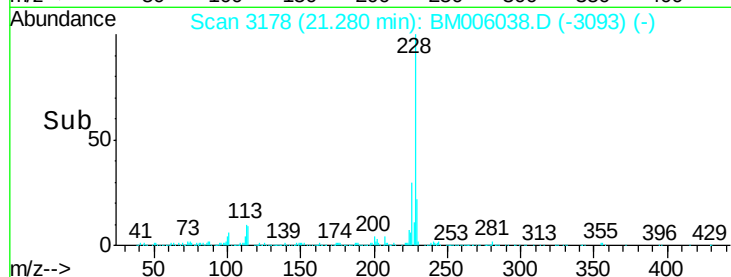
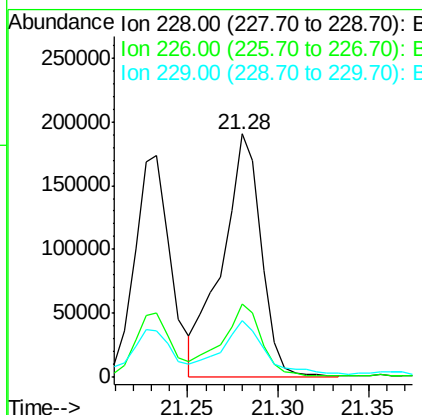
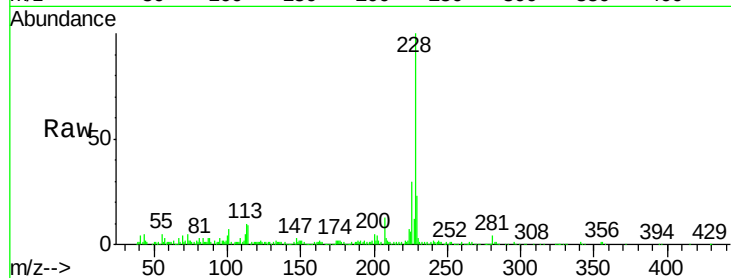
#33
Chrysene
 Concen: 2.56 ng/ul
 RT: 21.28 min Scan# 3178
 Delta R.T. 0.00 min
 Lab File: BM006038.D
 Acq: 26 Jun 2016 13:48

Instrument :
 BNA_M
 ClientSampleID :
 D9Y71

Tgt Ion:	228	Resp:	284181
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.3	36.5
229	23.1	15.4	23.2

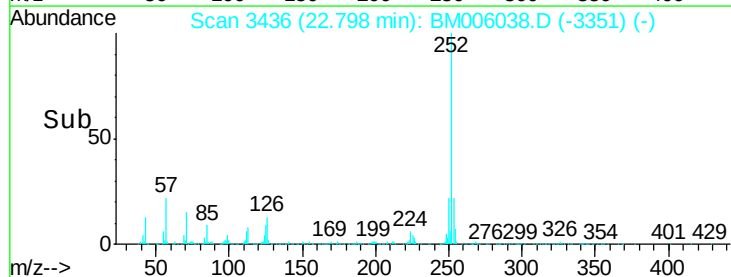
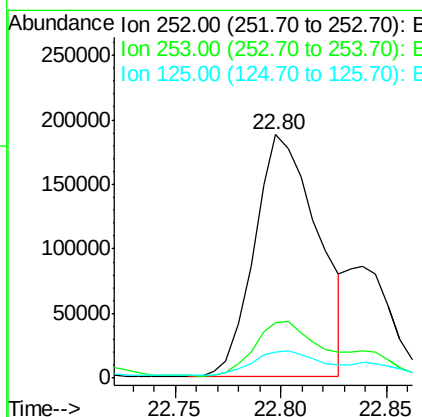
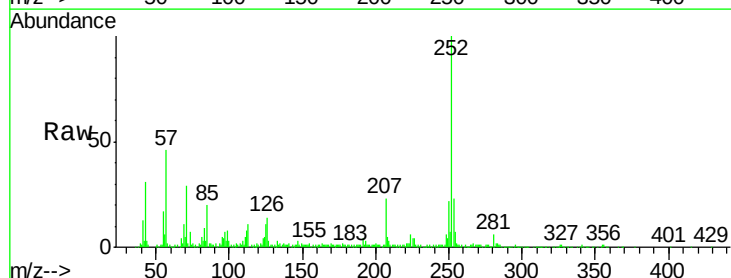
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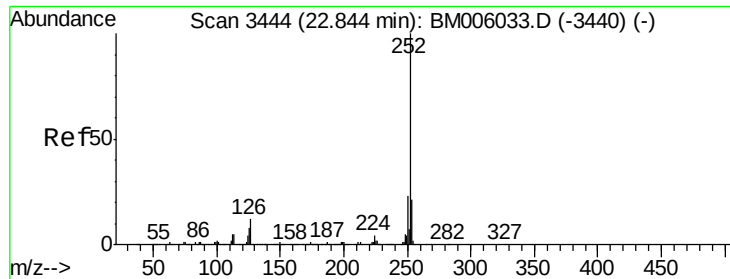
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#35
Benzo(b)fluoranthene
 Concen: 3.07 ng/ul
 RT: 22.80 min Scan# 3436
 Delta R.T. 0.00 min
 Lab File: BM006038.D
 Acq: 26 Jun 2016 13:48

Tgt Ion:	252	Resp:	389984
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	10.7	6.8	10.2#





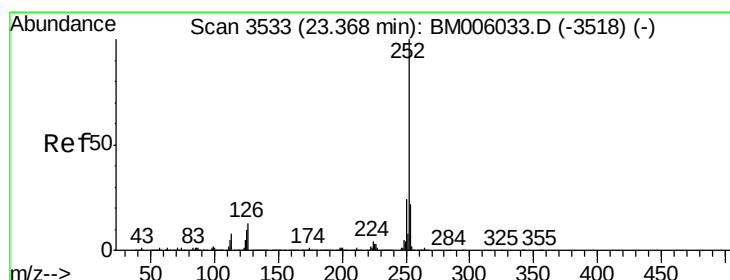
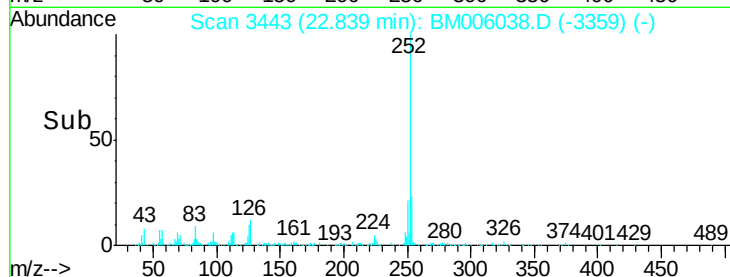
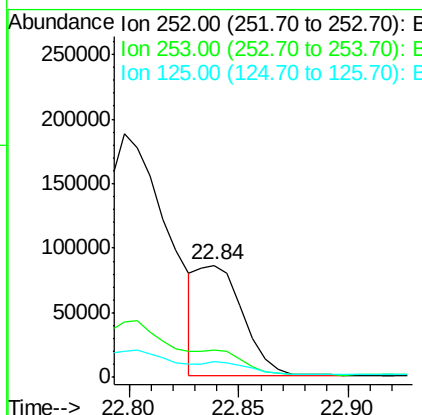
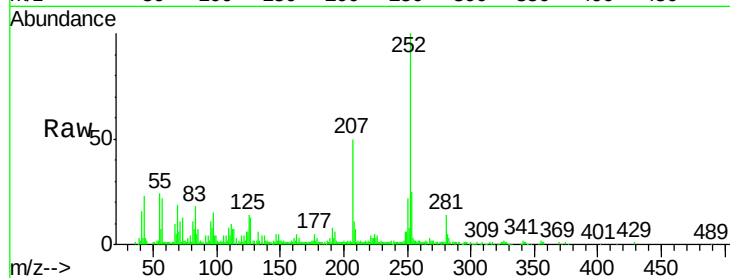
#36
Benzo(k)fluoranthene
Concen: 1.06 ng/ul m
RT: 22.84 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM006038.D
Acq: 26 Jun 2016 13:48

Instrument :
BNA_M
ClientSampled :
D9Y71

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	13.6	7.0	10.4

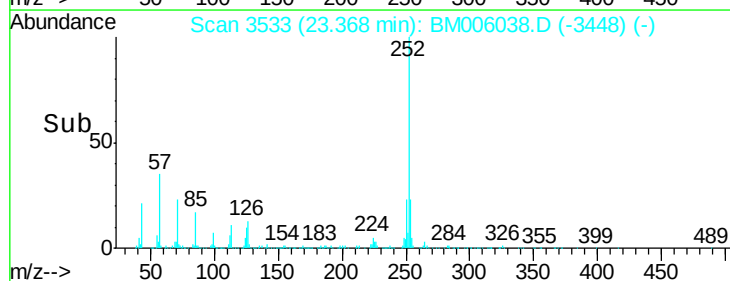
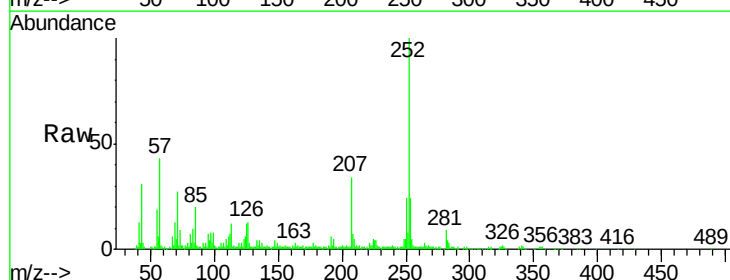
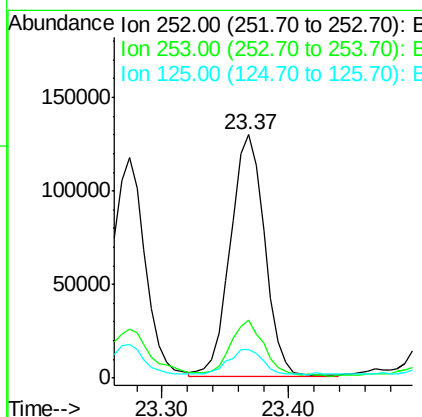
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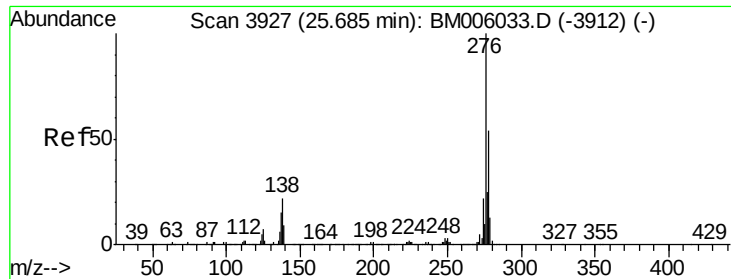
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#38
Benzo(a)pyrene
Concen: 1.98 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM006038.D
Acq: 26 Jun 2016 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	11.9	7.8	11.6





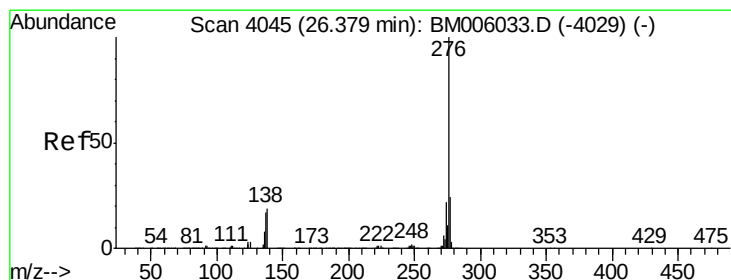
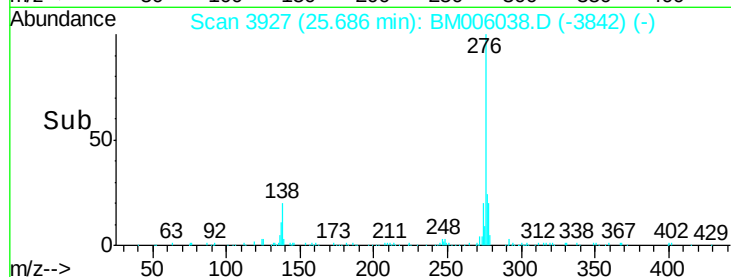
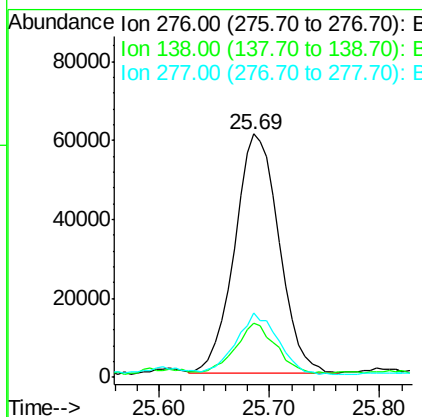
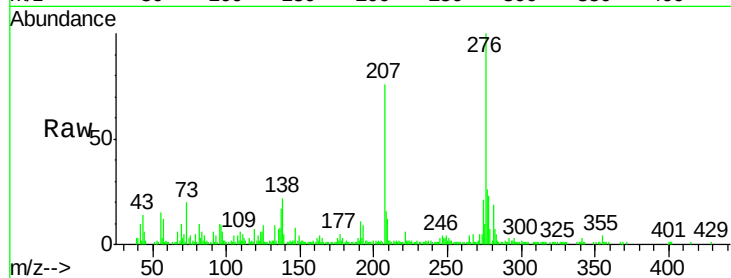
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 Indeno(1,2,3-cd)pyrene
 Concen: 1.18 ng/ul
 RT: 25.69 min Scan# 3927
 Delta R.T. 0.00 min
 Lab File: BM006038.D
 Acq: 26 Jun 2016 13:48

Instrument :
 BNA_M
 ClientSampleId :
 D9Y71

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.4	16.6	25.0
277	26.3	19.6	29.4

Manual Integrations
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#41
 Benzo(g,h,i)perylene
 Concen: 1.30 ng/ul
 RT: 26.37 min Scan# 4044
 Delta R.T. -0.01 min
 Lab File: BM006038.D
 Acq: 26 Jun 2016 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.1	15.9	23.9
277	23.0	19.2	28.8

