

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006828.D
 Acq On : 01 Aug 2016 17:13
 Operator : UM/SJ
 Sample : H4189-02
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM1

Manual Integrations
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Quant Time: Aug 01 17:59:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 01 16:23:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	176065	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	771040	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	420356	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	907331	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	967245	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1048774	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	6038	1.39	ng/uL	0.00
3) Phenol-d5	6.80	99	217361	14.51	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	151260	16.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	183636	15.34	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	152395	13.12	ng/ul	0.01
8) Nitrobenzene-d5	8.76	128	92132	15.79	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	96999	15.63	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	178450	15.22	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	208245	16.12	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	537065	16.30	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	704008	16.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	64653	11.29	ng/ul	0.02
21) Fluorene-d10	15.26	176	482566	16.37	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	24373	5.18	ng/ul	0.02
26) Anthracene-d10	17.12	188	741016	17.20	ng/ul	0.00
30) Pyrene-d10	19.42	212	828911	18.81	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	807842	16.75	ng/ul	0.01

Target Compounds

						Qvalue
25) Phenanthrene	17.06	178	82253	1.61	ng/ul	97
28) Fluoranthene	19.09	202	253634	4.23	ng/ul	98
31) Pyrene	19.45	202	219473	3.75	ng/ul	97
32) Benzo(a)anthracene	21.20	228	140067	2.39	ng/ul	95
33) Chrysene	21.26	228	178441	3.30	ng/ul	94
35) Benzo(b)fluoranthene	22.77	252	240941	3.83	ng/ul	97
36) Benzo(k)fluoranthene	22.80	252	71821m	1.18	ng/ul	
38) Benzo(a)pyrene	23.33	252	137263	2.24	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.64	276	110351	1.56	ng/ul	95
41) Benzo(g,h,i)perylene	26.33	276	108665	1.79	ng/ul	98

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

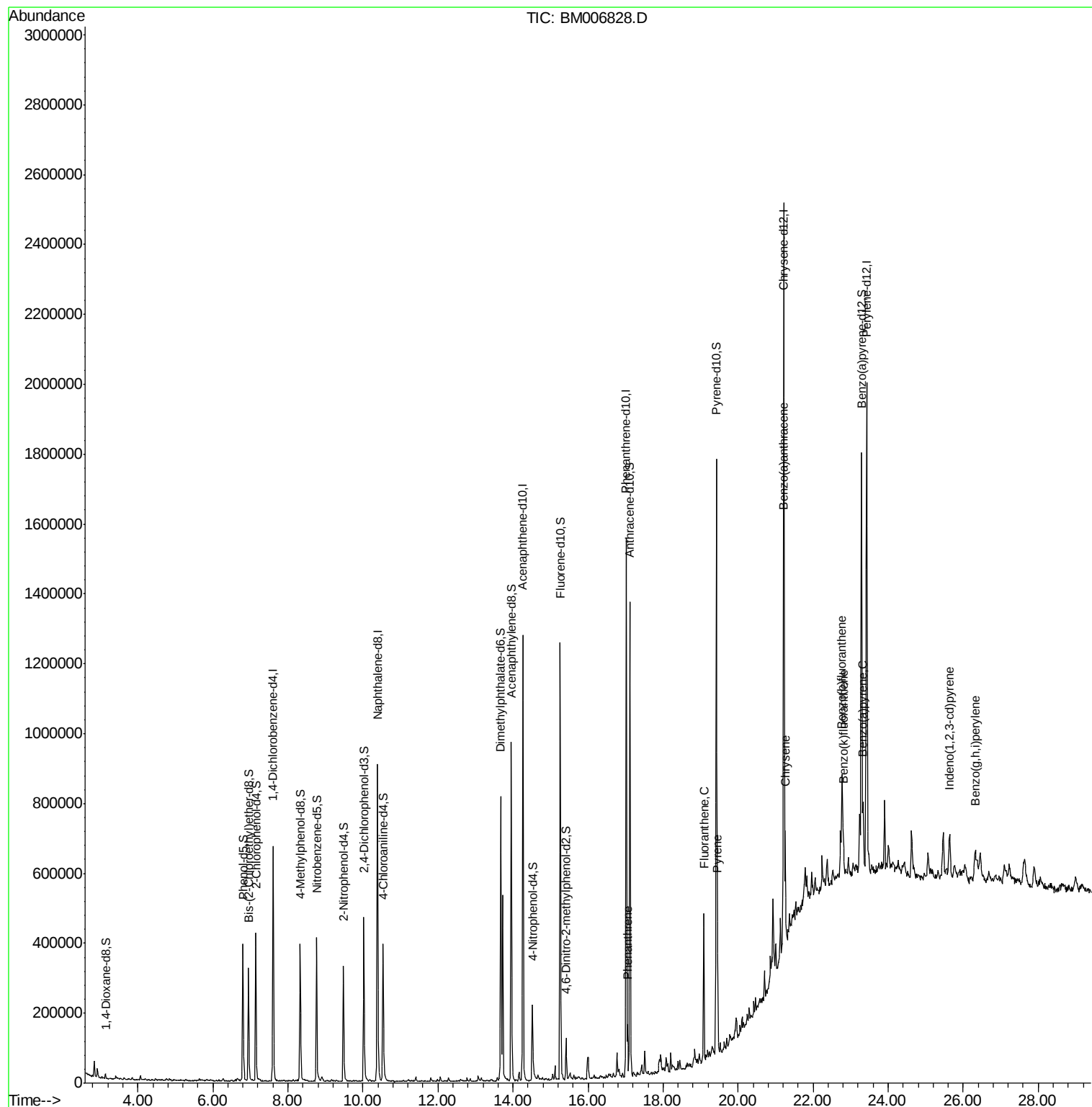
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
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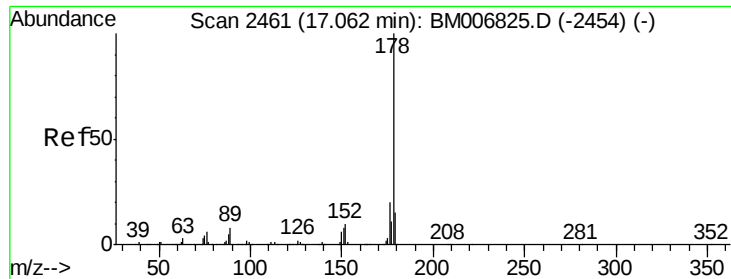
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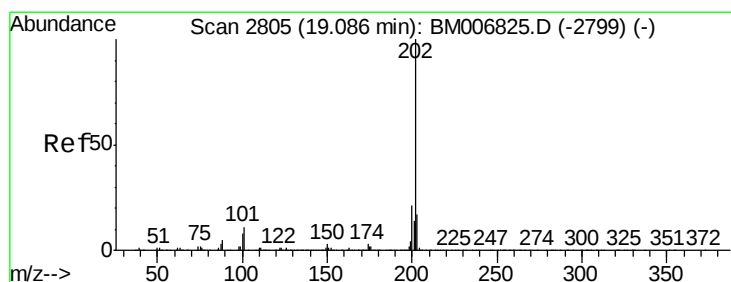
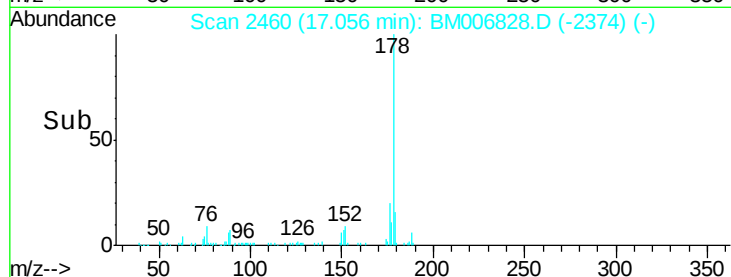
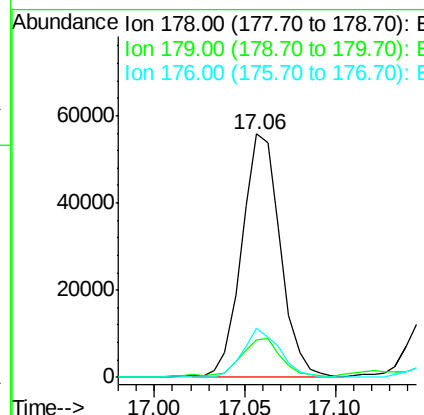
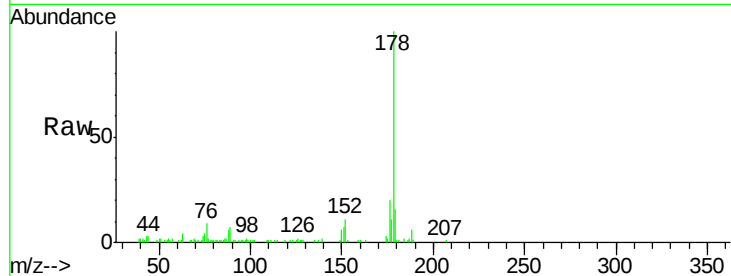
#25
Phenanthrene
Concen: 1.61 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006828.D
Acq: 01 Aug 2016 17:13

Instrument :
BNA_M
ClientSampleId :
D9ZM1

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	82253		
179	15.6		11.8	17.8
176	19.9		14.8	22.2

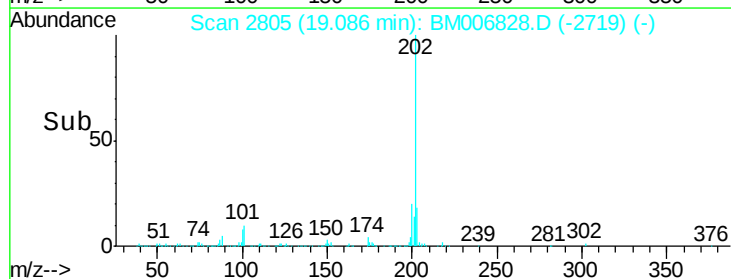
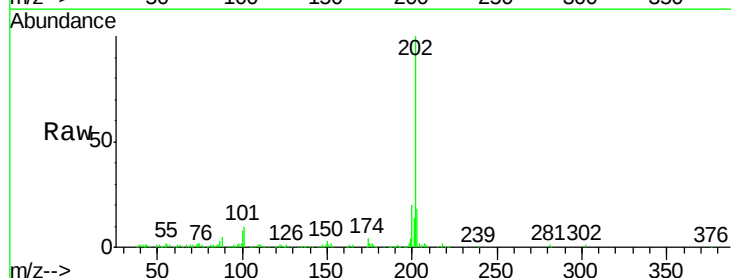
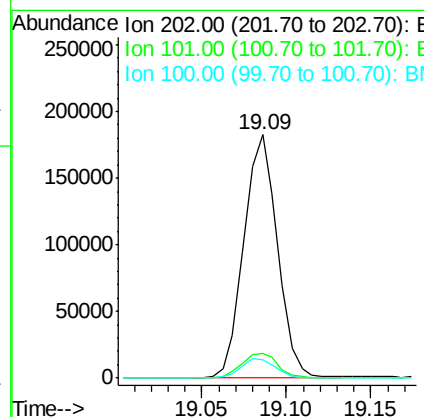
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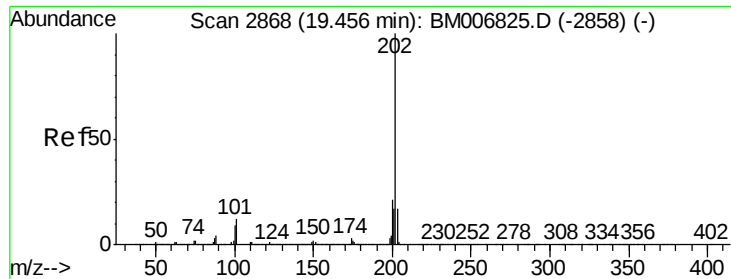
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#28
Fluoranthene
Concen: 4.23 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006828.D
Acq: 01 Aug 2016 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	253634		
101	10.2		8.9	13.3
100	7.8		7.0	10.4





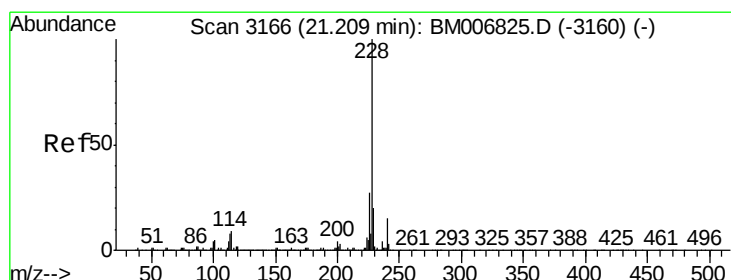
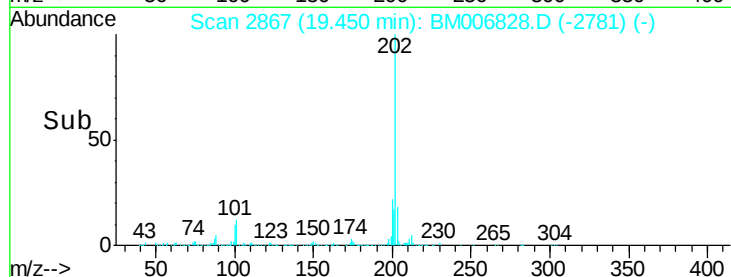
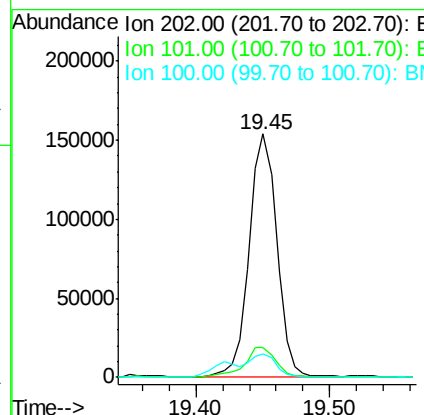
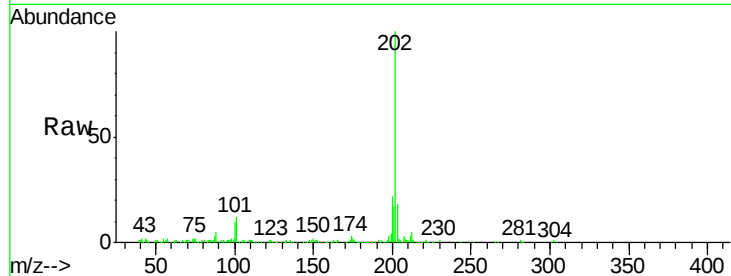
#31
Pyrene
Concen: 3.75 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006828.D
Acq: 01 Aug 2016 17:13

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	9.8	14.8
100	9.8	9.3	13.9

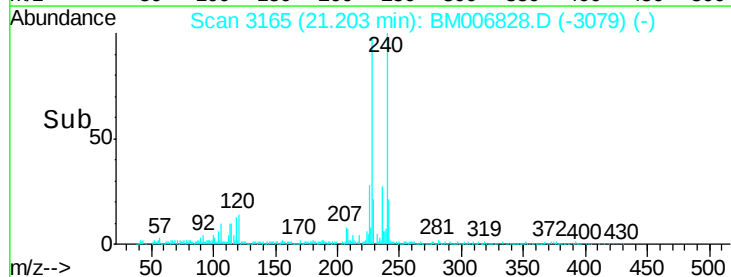
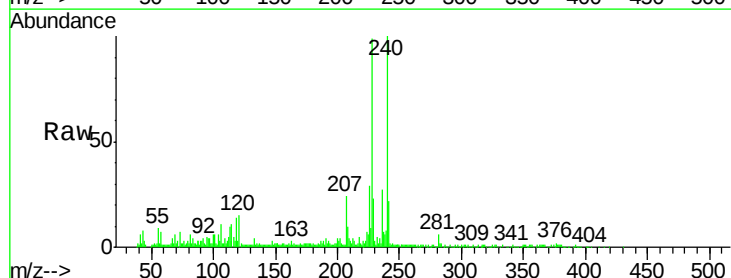
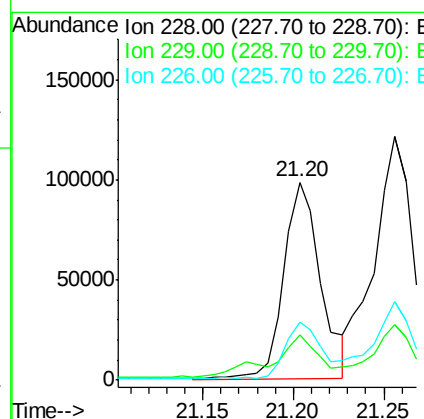
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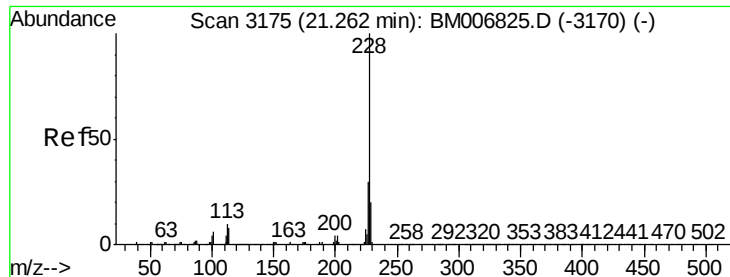
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#32
Benzo(a)anthracene
Concen: 2.39 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM006828.D
Acq: 01 Aug 2016 17:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.8	16.6	25.0
226	29.1	21.0	31.4





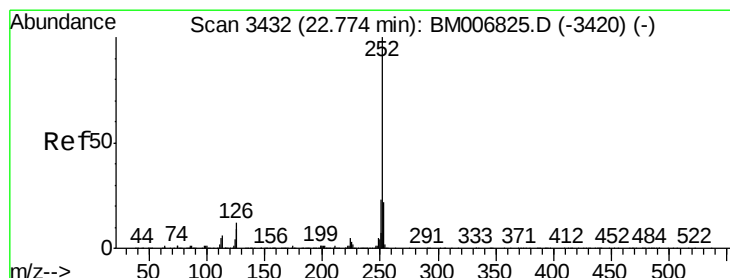
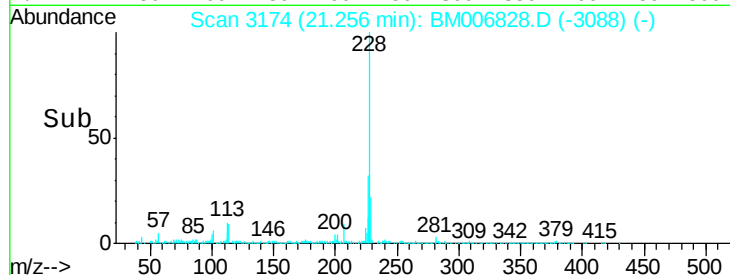
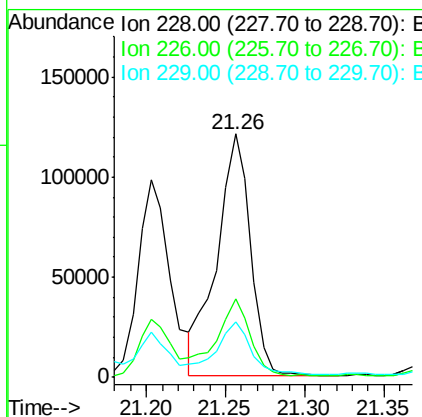
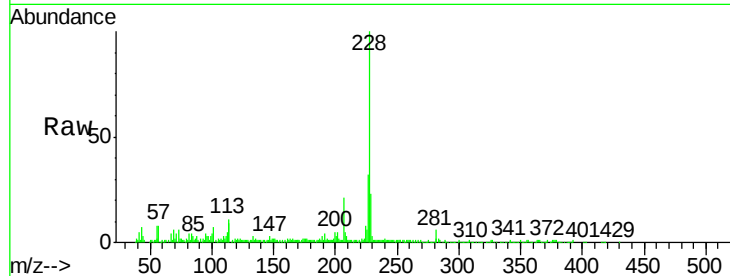
#33
 Chrysene
 Concen: 3.30 ng/ul
 RT: 21.26 min Scan# 3174
 Delta R.T. 0.01 min
 Lab File: BM006828.D
 Acq: 01 Aug 2016 17:13

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM1

Tgt Ion:	228	Resp:	178441
Ion Ratio	Lower	Upper	
228	100		
226	32.4	23.4	35.2
229	22.8	16.2	24.2

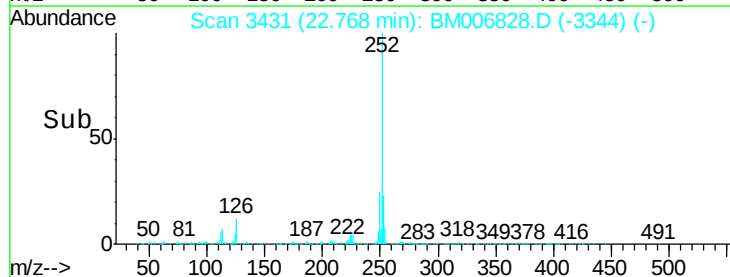
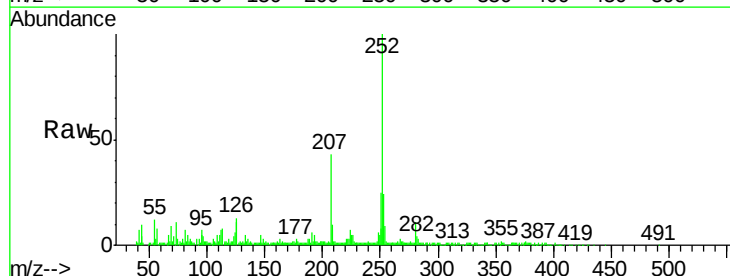
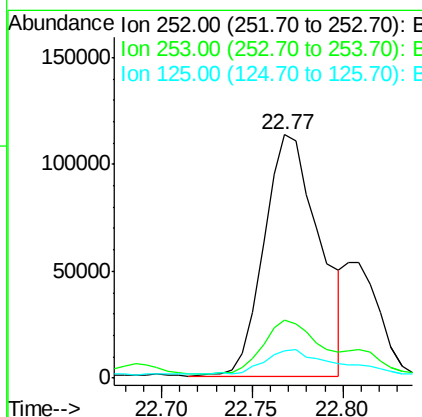
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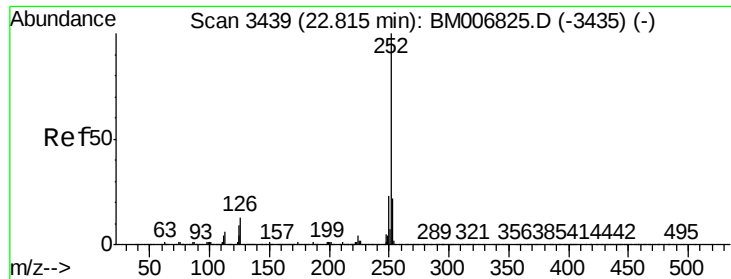
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#35
 Benzo(b)fluoranthene
 Concen: 3.83 ng/ul
 RT: 22.77 min Scan# 3431
 Delta R.T. 0.01 min
 Lab File: BM006828.D
 Acq: 01 Aug 2016 17:13

Tgt Ion:	252	Resp:	240941
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.1	27.1
125	11.3	7.6	11.4





#36

Benzo(k)fluoranthene

Concen: 1.18 ng/ul m

RT: 22.80 min Scan# 3437

Delta R.T. 0.01 min

Lab File: BM006828.D

Acq: 01 Aug 2016 17:13

Instrument :

BNA_M

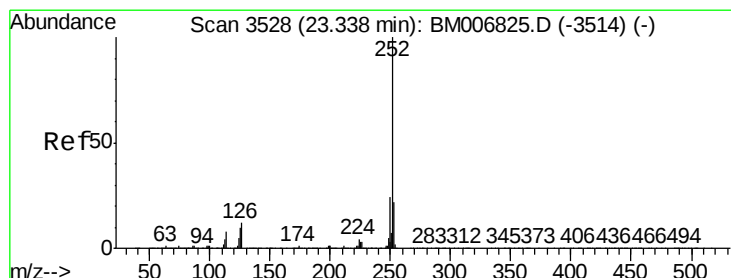
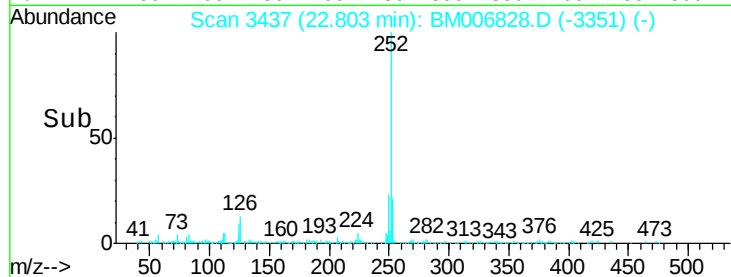
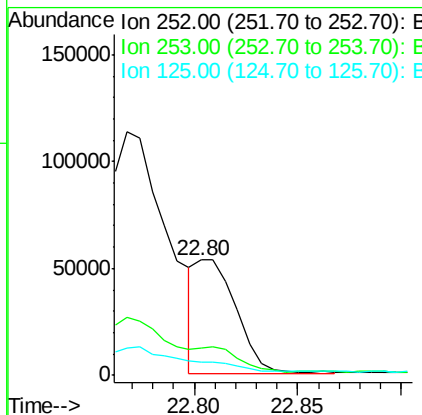
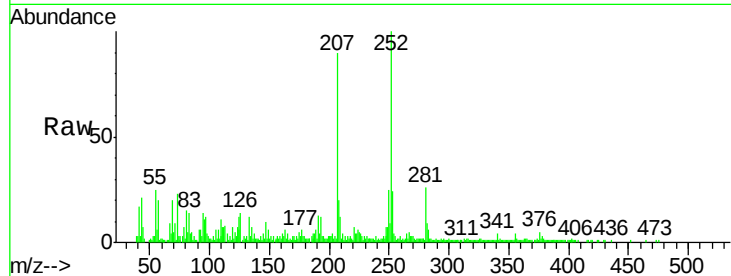
ClientSampleId :

D9ZM1

Tgt Ion:	252	Resp:	71821
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	11.5	7.7	11.5#

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#38

Benzo(a)pyrene

Concen: 2.24 ng/ul

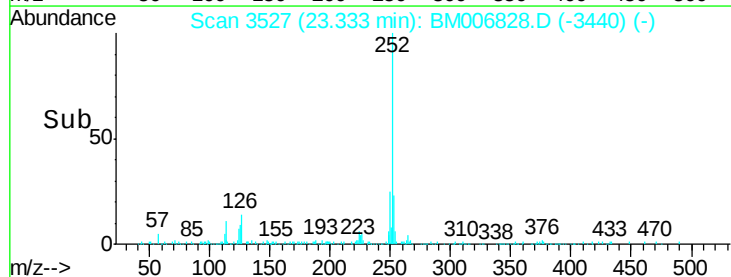
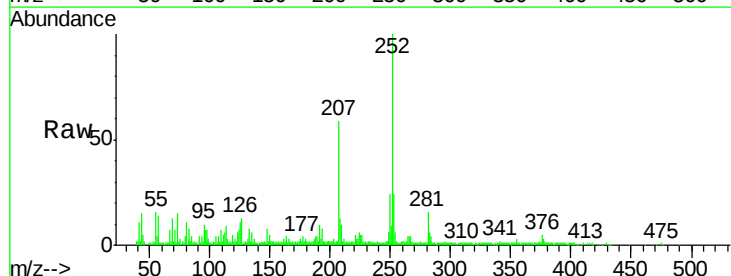
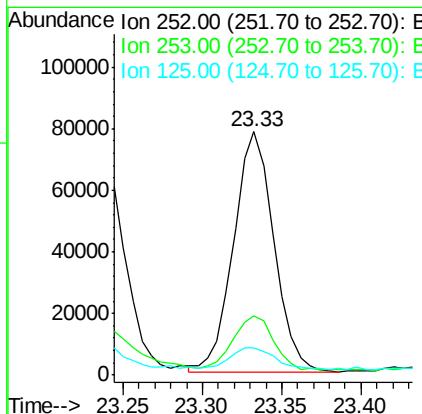
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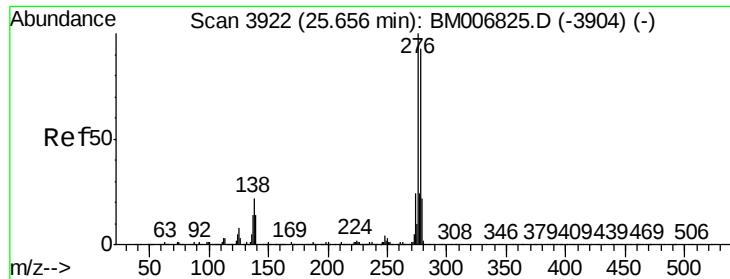
Delta R.T. 0.01 min

Lab File: BM006828.D

Acq: 01 Aug 2016 17:13

Tgt Ion:	252	Resp:	137263
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	11.2	8.2	12.2





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.56 ng/ul

RT: 25.64 min Scan# 3920

Delta R.T. 0.02 min

Lab File: BM006828.D

Acq: 01 Aug 2016 17:13

Instrument :

BNA_M

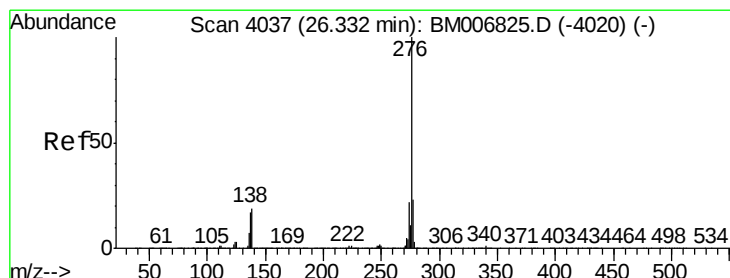
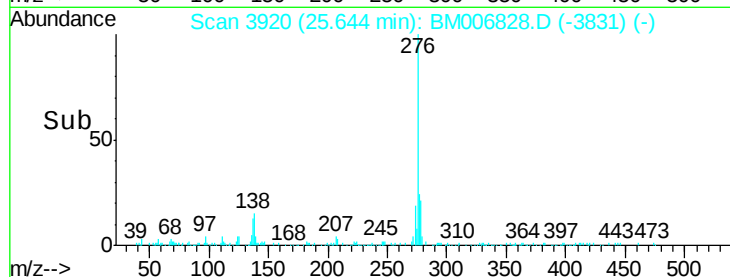
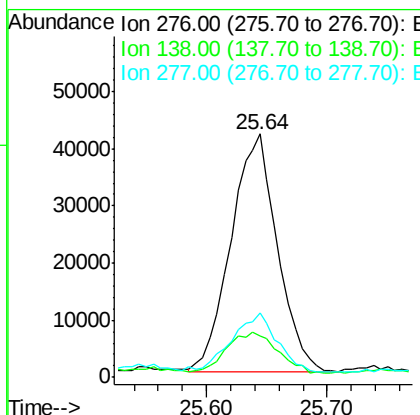
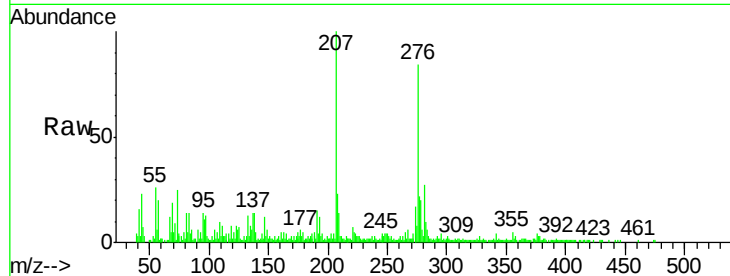
ClientSampleId :

D9ZM1

Tgt Ion:	276	Resp:	110351
Ion Ratio	Lower	Upper	
276	100		
138	17.2	15.8	23.6
277	26.2	19.0	28.6

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#41

Benzo(g,h,i)perylene

Concen: 1.79 ng/ul

RT: 26.33 min Scan# 4036

Delta R.T. 0.04 min

Lab File: BM006828.D

Acq: 01 Aug 2016 17:13

Tgt Ion:	276	Resp:	108665
Ion Ratio	Lower	Upper	
276	100		
138	19.2	13.9	20.9
277	24.5	19.8	29.6

