

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
 Data File : BM005731.D
 Acq On : 11 Jun 2016 17:44
 Operator : UM/SJ
 Sample : H3411-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XR3

Manual Integrations
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Quant Time: Jun 11 23:49:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 11 23:08:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	93177	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	501302	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	305919	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	658684	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	505459	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	475149	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	2966	1.38	ng/uL	0.00
3) Phenol-d5	6.93	99	89537	11.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	82507	17.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	94849	14.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	37577	5.53	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	51337	14.21	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	61056	14.95	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	94507	12.75	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	49541	5.54	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	423647	16.79	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	536012	17.36	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	21251	5.76	ng/ul	0.02
21) Fluorene-d10	15.38	176	371391	17.38	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	39059	11.46	ng/ul	0.00
26) Anthracene-d10	17.23	188	517111	16.67	ng/ul	0.00
30) Pyrene-d10	19.53	212	519565	21.39	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	377315	17.41	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.17	178	96881	2.69	ng/ul	100
28) Fluoranthene	19.19	202	173153	4.09	ng/ul	99
31) Pyrene	19.55	202	155299	5.05	ng/ul	98
32) Benzo(a)anthracene	21.30	228	78439	2.69	ng/ul	98
33) Chrysene	21.35	228	97044	3.37	ng/ul	96
35) Benzo(b)fluoranthene	22.89	252	132981	4.71	ng/ul	97
36) Benzo(k)fluoranthene	22.93	252	43063m	1.51	ng/ul	
38) Benzo(a)pyrene	23.47	252	79535	2.97	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.85	276	61035	2.33	ng/ul	95
41) Benzo(g,h,i)perylene	26.55	276	56769	2.60	ng/ul	95

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

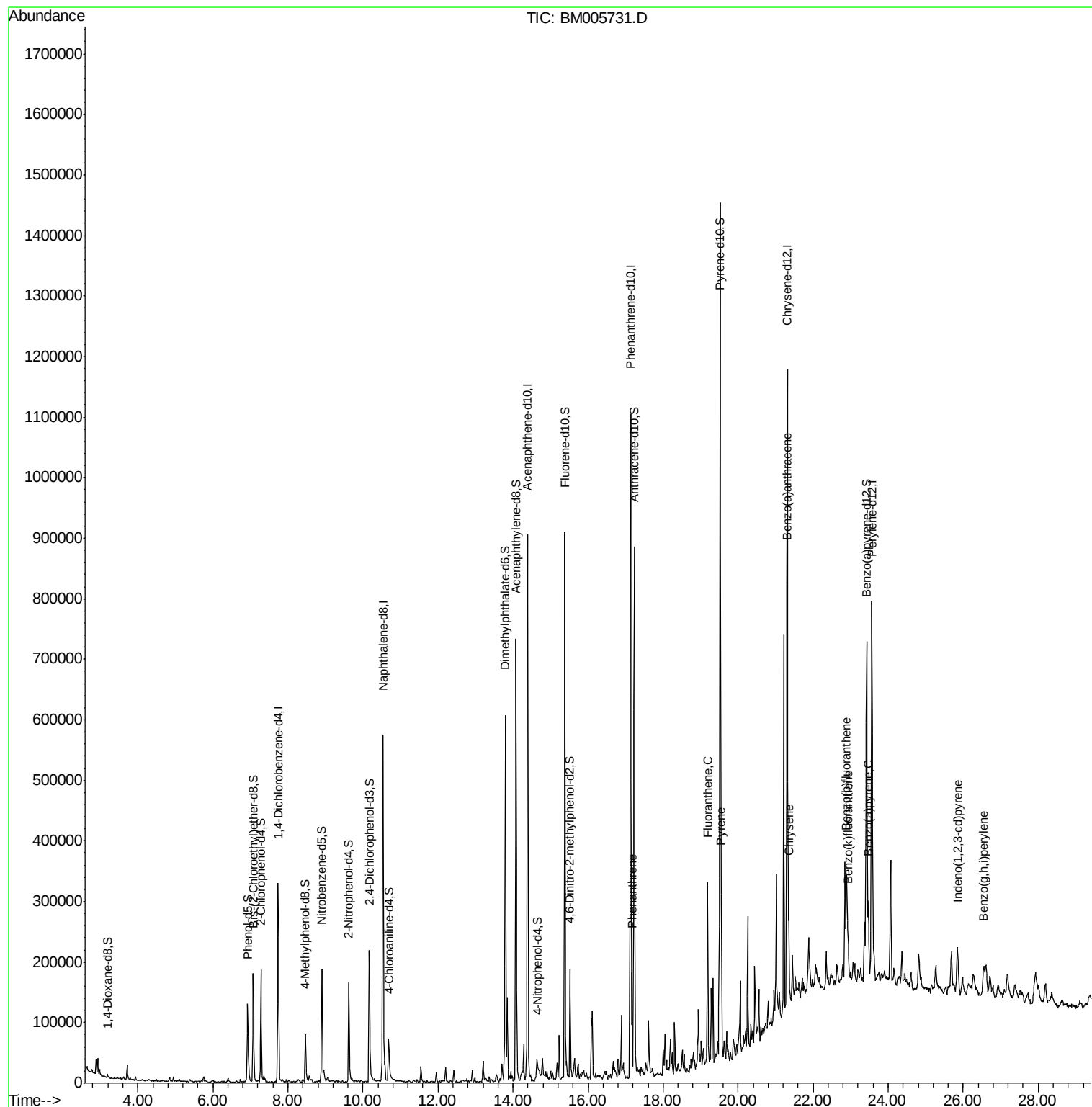
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005731.D
Acq On : 11 Jun 2016 17:44
Operator : UM/SJ
Sample : H3411-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

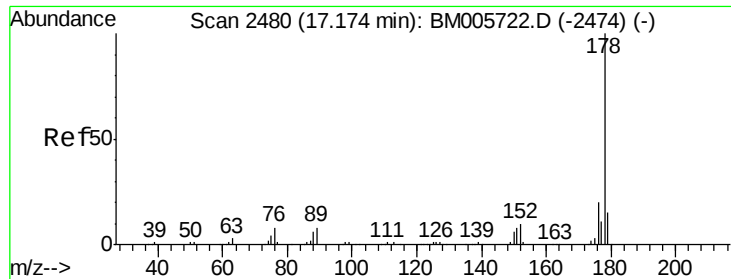
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 23:08:56 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 2.69 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM005731.D

Acq: 11 Jun 2016 17:44

Instrument :

BNA_M

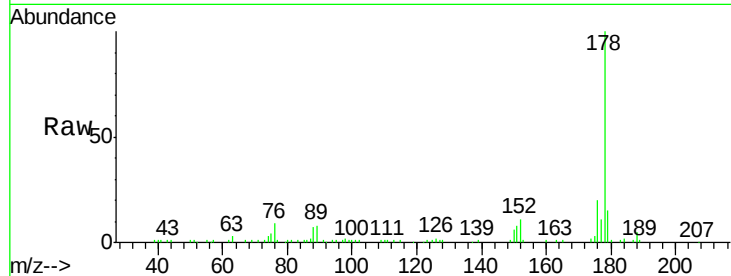
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D9XR3

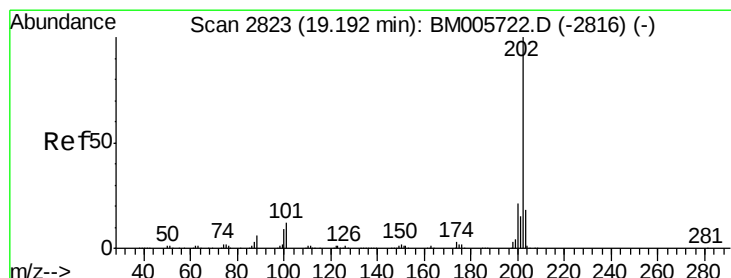
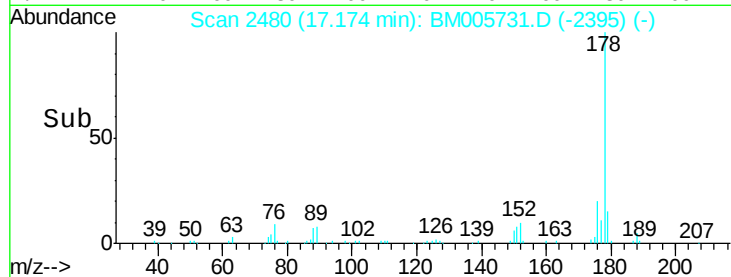
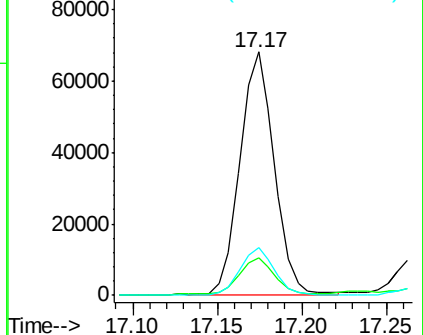
Tgt Ion:	178	Resp:	96881
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	19.6	15.8	23.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 4.09 ng/ul

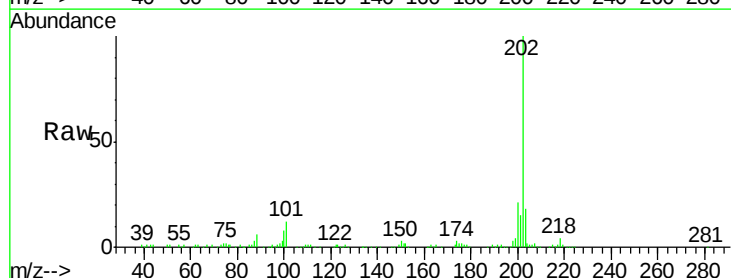
RT: 19.19 min Scan# 2823

Delta R.T. -0.00 min

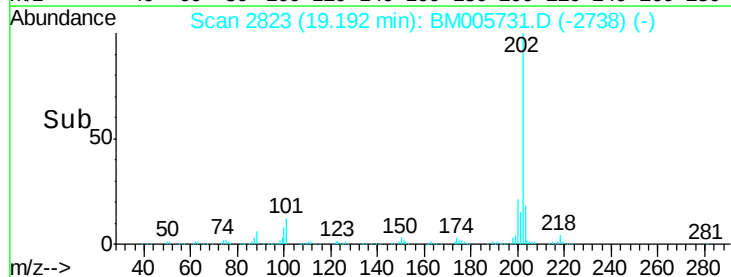
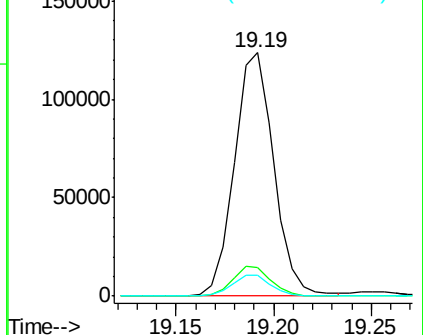
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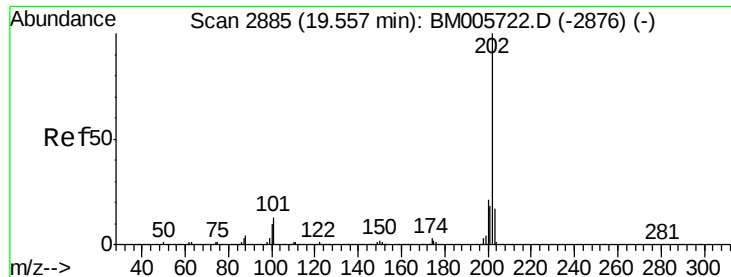
Acq: 11 Jun 2016 17:44

Tgt Ion:	202	Resp:	173153
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.4	14.2
100	8.4	6.9	10.3



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





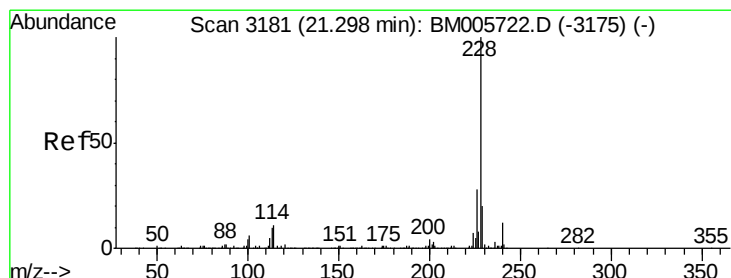
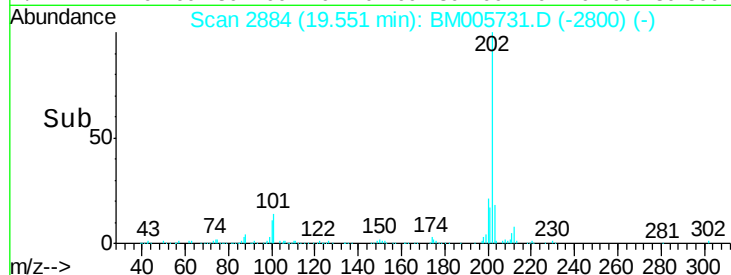
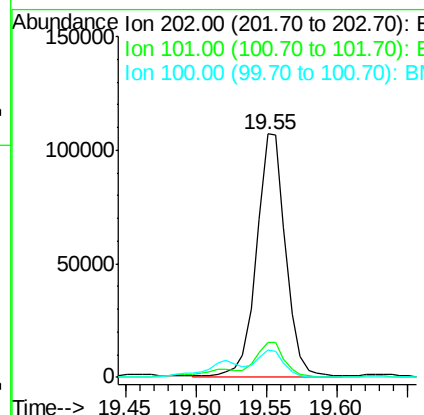
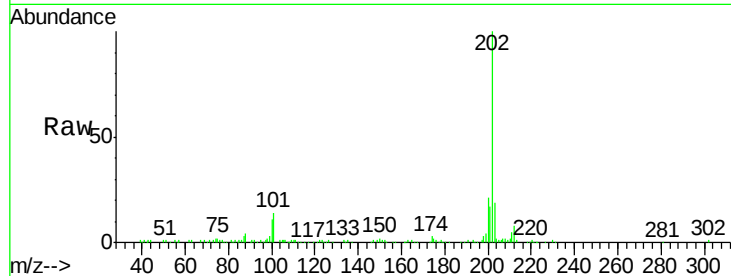
#31
Pyrene
Concen: 5.05 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	155299		
101	14.3	10.6	15.8	
100	11.1	8.4	12.6	

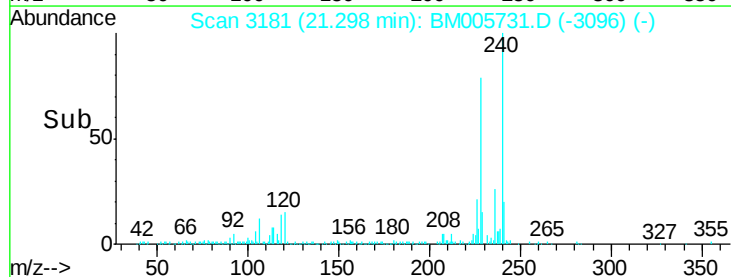
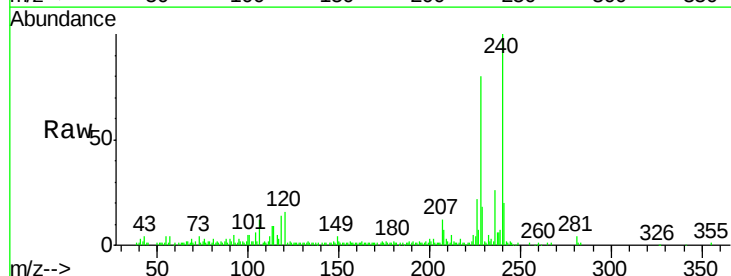
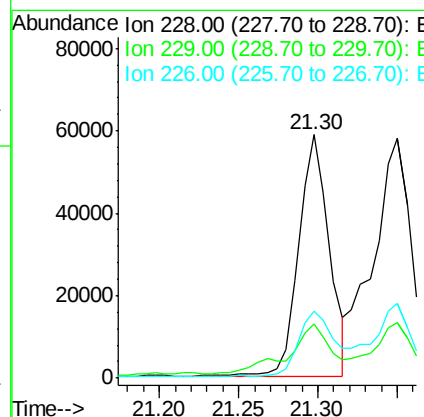
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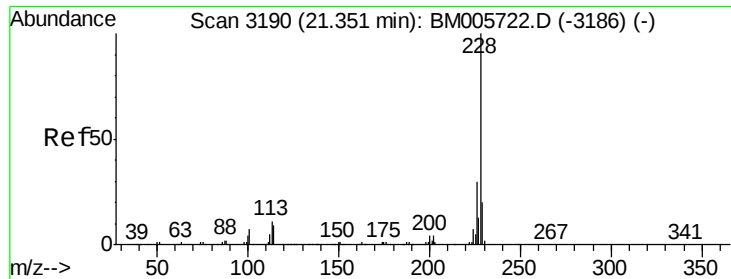
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#32
Benzo(a)anthracene
Concen: 2.69 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	78439		
229	22.1	16.1	24.1	
226	27.8	22.1	33.1	





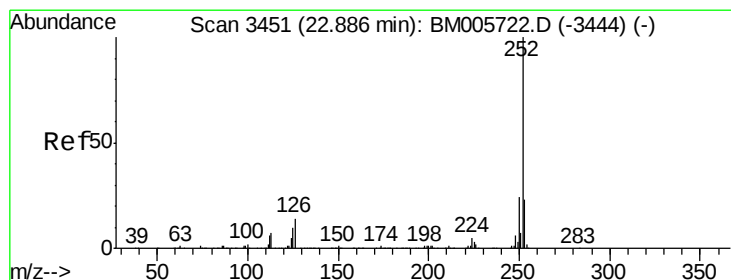
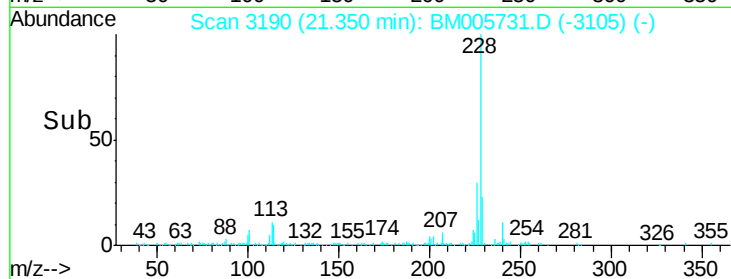
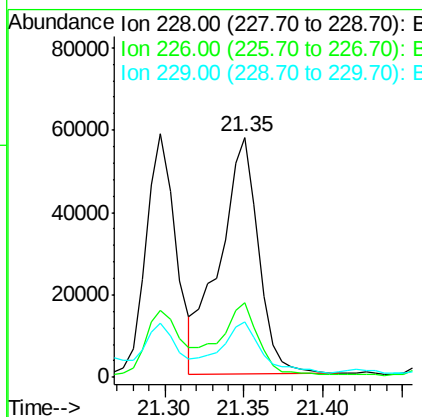
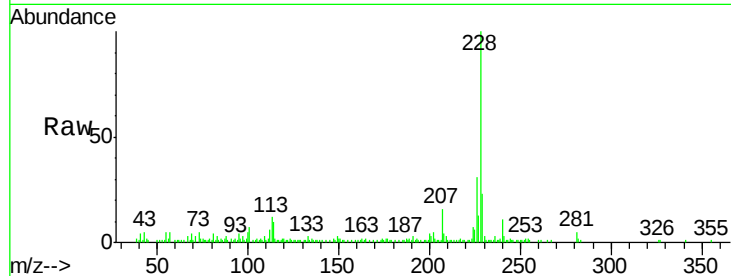
#33
Chrysene
Concen: 3.37 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
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ClientSampleId :
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Tgt Ion:	228	Resp:	97044
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.2	36.2
229	23.3	15.8	23.8

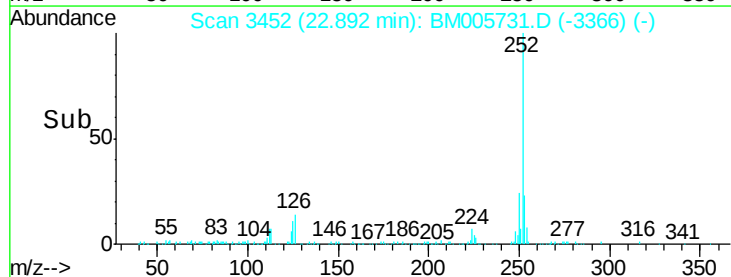
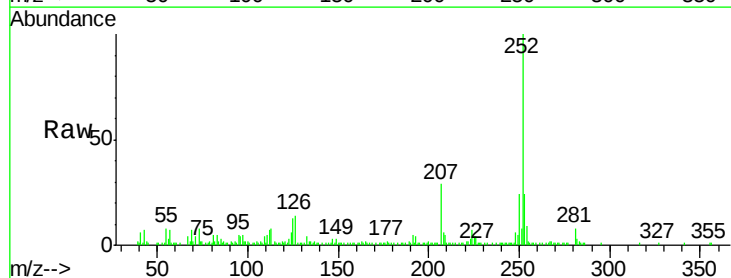
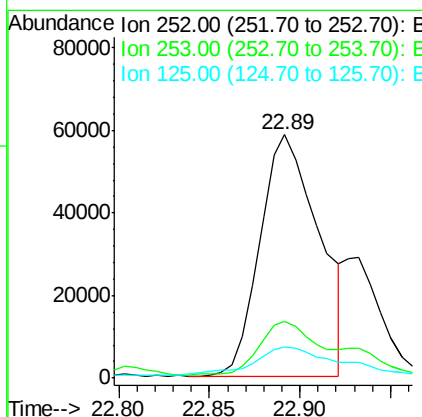
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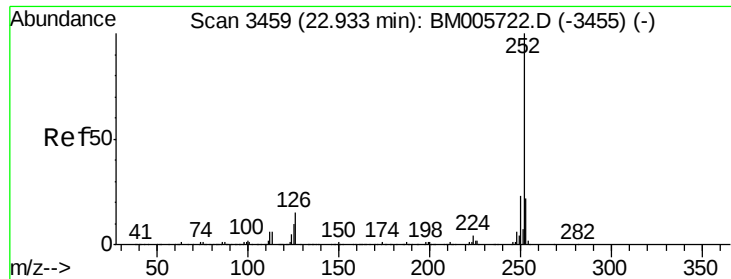
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#35
Benzo(b)fluoranthene
Concen: 4.71 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:	252	Resp:	132981
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.2
125	12.5	8.4	12.6





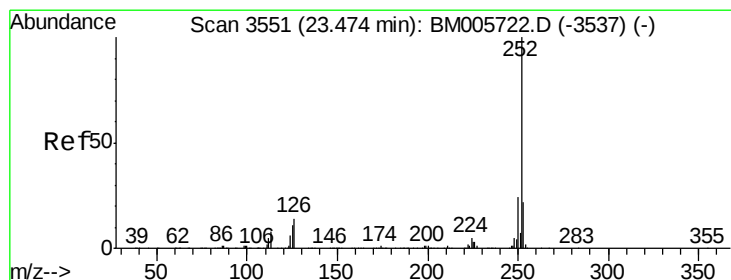
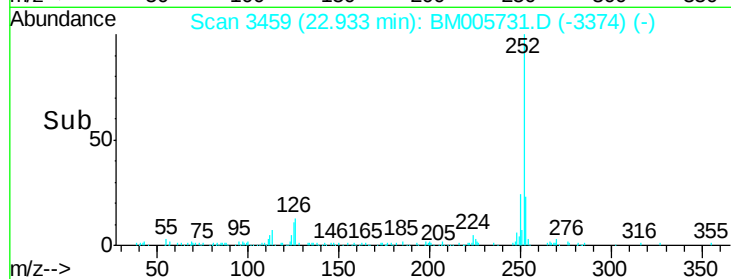
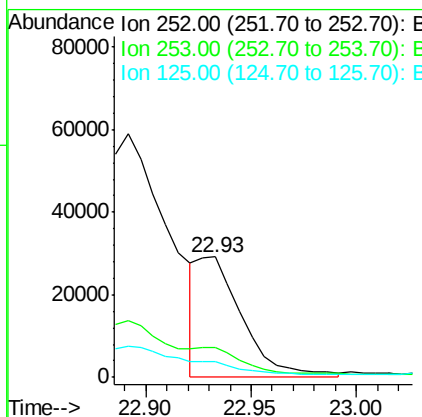
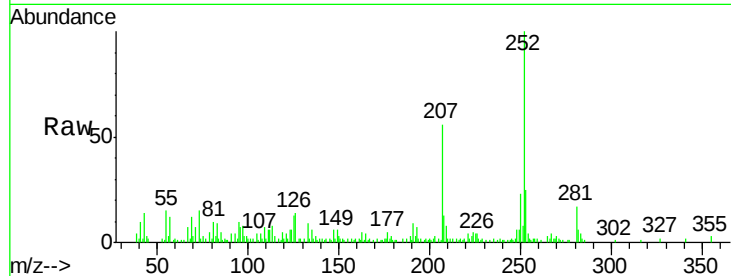
#36
Benzo(k)fluoranthene
Concen: 1.51 ng/ul m
RT: 22.93 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	43063		
253	24.6	17.5	26.3	
125	13.3	8.2	12.2	

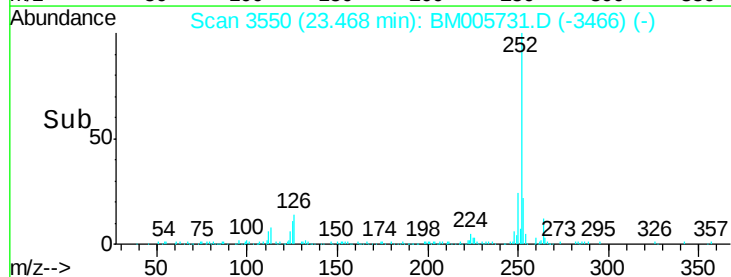
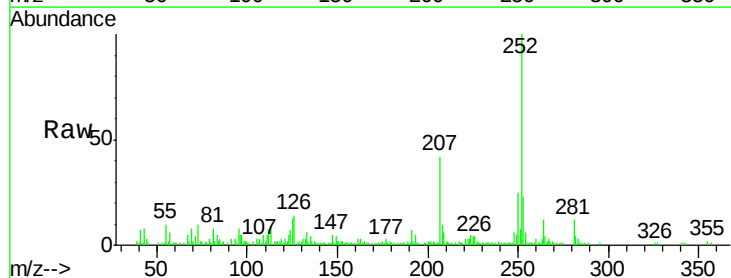
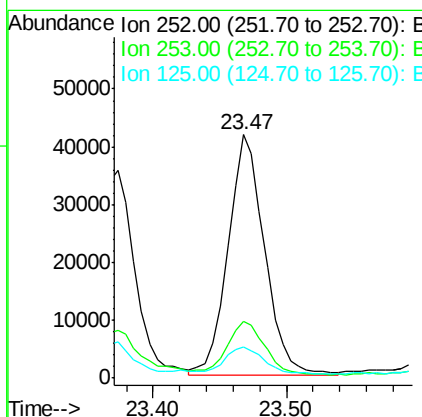
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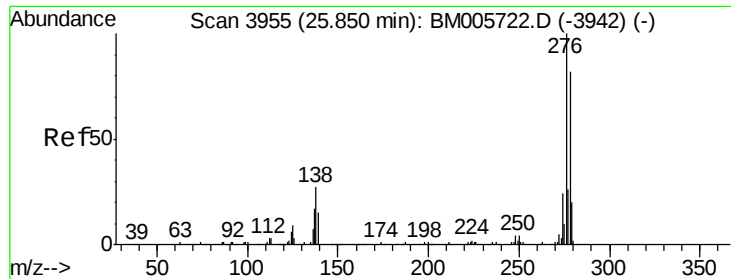
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#38
Benzo(a)pyrene
Concen: 2.97 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	79535		
253	23.2	17.7	26.5	
125	12.5	9.1	13.7	





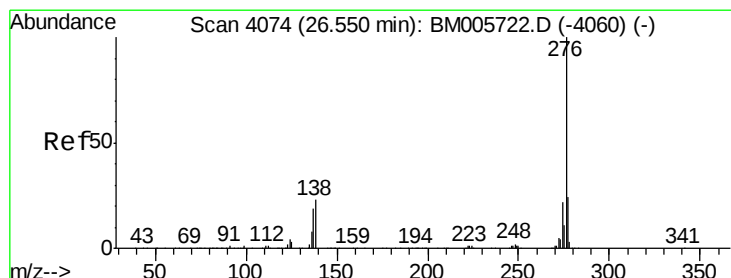
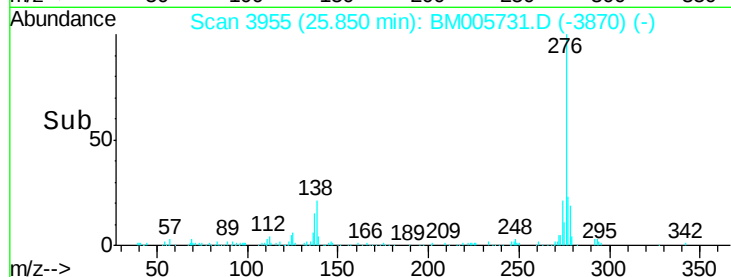
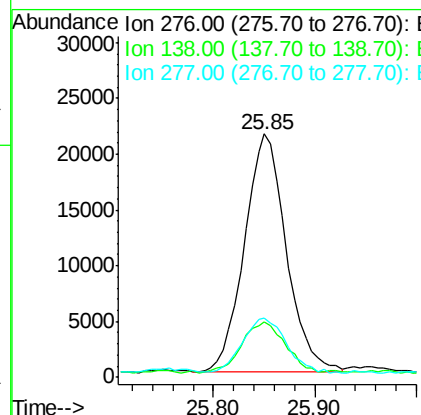
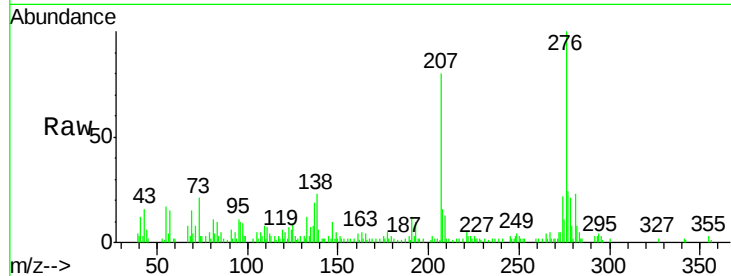
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 2.33 ng/u1
 RT: 25.85 min Scan# 3955
 Delta R.T. -0.00 min
 Lab File: BM005731.D
 Acq: 11 Jun 2016 17:44

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Tgt Ion:	276	Resp:	61035
Ion Ratio	Lower	Upper	
276	100		
138	22.6	21.4	32.2
277	24.4	20.5	30.7

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#41
 Benzo(g,h,i)perylene
 Concen: 2.60 ng/u1
 RT: 26.55 min Scan# 4074
 Delta R.T. -0.00 min
 Lab File: BM005731.D
 Acq: 11 Jun 2016 17:44

Tgt Ion:	276	Resp:	56769
Ion Ratio	Lower	Upper	
276	100		
138	25.5	18.2	27.4
277	26.2	19.5	29.3

