

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
 Data File : BM005730.D
 Acq On : 11 Jun 2016 17:08
 Operator : UM/SJ
 Sample : H3411-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XQ3

Manual Integrations
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Quant Time: Jun 11 23:46:39 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	76031	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	408206	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	269544	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	617326	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	678710	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	552875	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	1769	1.01	ng/uL	0.00
3) Phenol-d5	6.93	99	54334	8.28	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	48406	12.28	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	56193	10.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	25214	4.55	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	28872	9.81	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	33534	10.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	52706	8.74	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	65630	9.02	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	266385	11.98	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	339073	12.47	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	6686	2.06	ng/ul	0.03
21) Fluorene-d10	15.38	176	243200	12.92	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	12334	3.86	ng/ul	0.00
26) Anthracene-d10	17.23	188	345335	11.88	ng/ul	0.00
30) Pyrene-d10	19.53	212	439586	13.48	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	329486	13.07	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.17	178	145305	4.30	ng/ul	98
28) Fluoranthene	19.19	202	228151	5.75	ng/ul	100
31) Pyrene	19.55	202	194226	4.70	ng/ul	97
32) Benzo(a)anthracene	21.30	228	110685	2.82	ng/ul	98
33) Chrysene	21.35	228	105388	2.73	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	123463	3.76	ng/ul#	96
36) Benzo(k)fluoranthene	22.93	252	41970m	1.26	ng/ul	
38) Benzo(a)pyrene	23.47	252	79956	2.56	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.85	276	50208m	1.65	ng/ul	
41) Benzo(g,h,i)perylene	26.54	276	45289	1.78	ng/ul	99

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

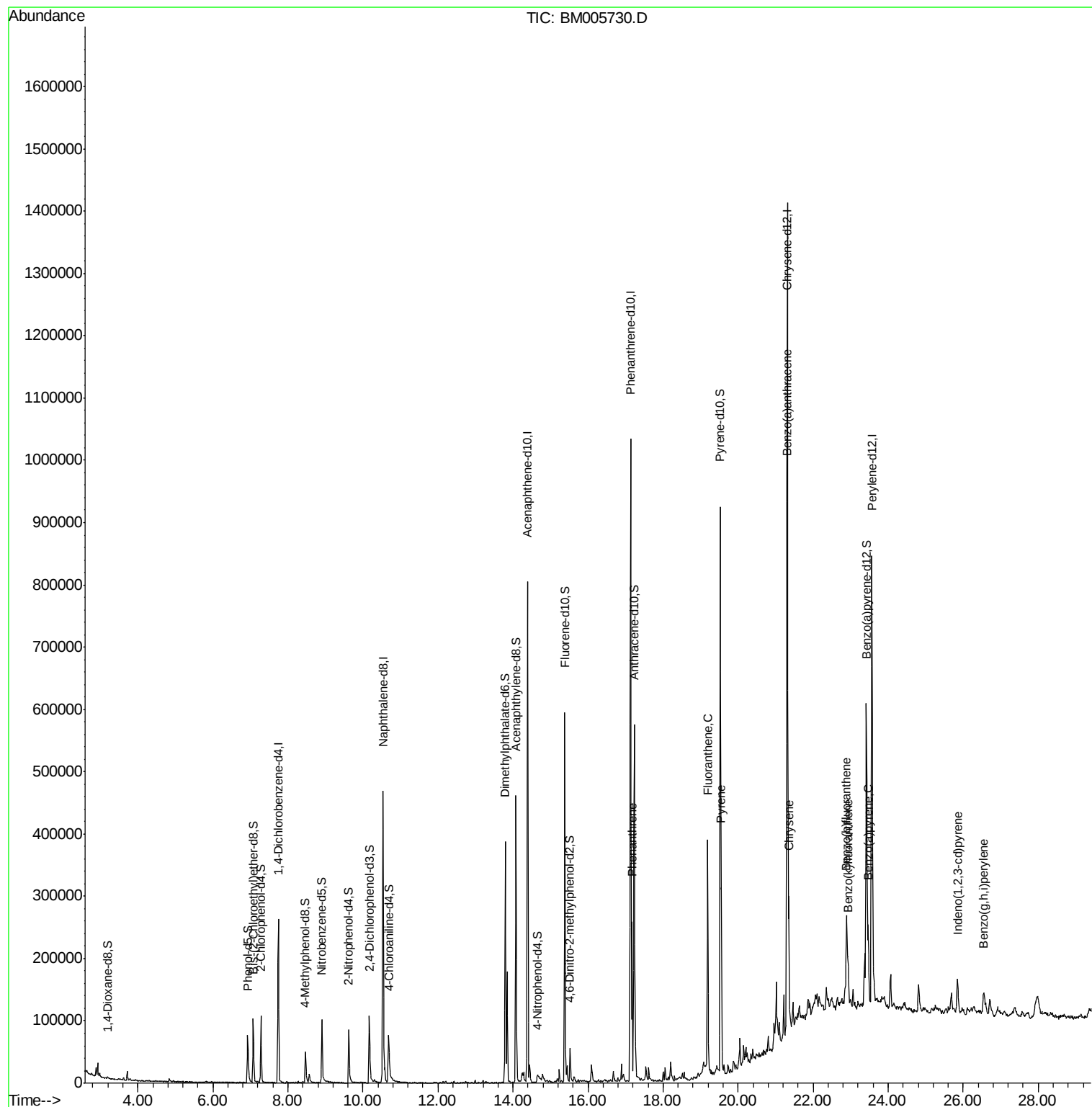
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005730.D
Acq On : 11 Jun 2016 17:08
Operator : UM/SJ
Sample : H3411-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

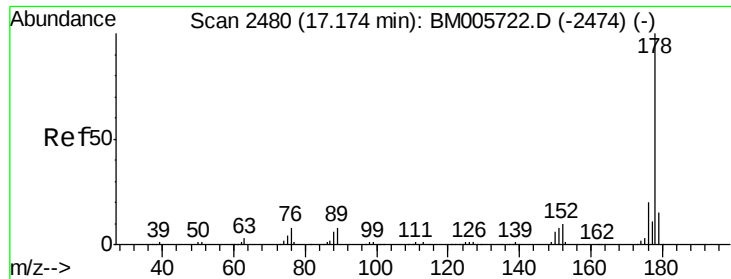
Instrument :
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ClientSampleId :
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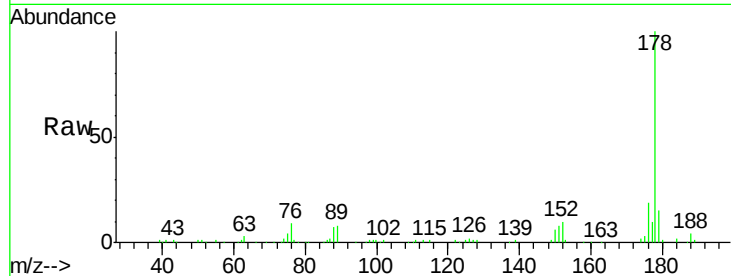
#25
Phenanthrene
Concen: 4.30 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

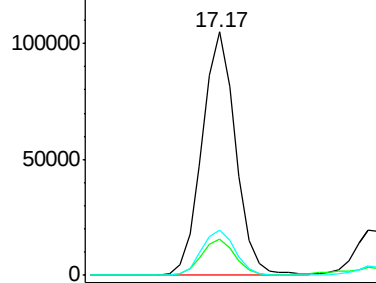
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	145305		
179	15.0		12.4	18.6
176	18.8		15.8	23.6

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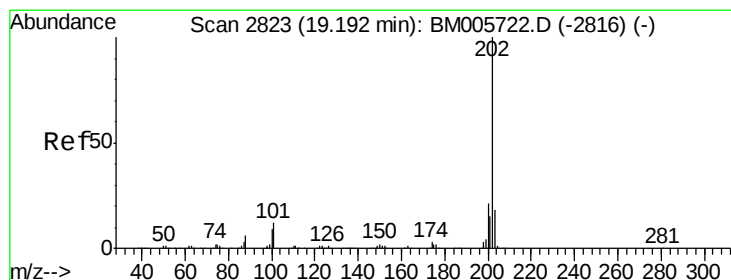
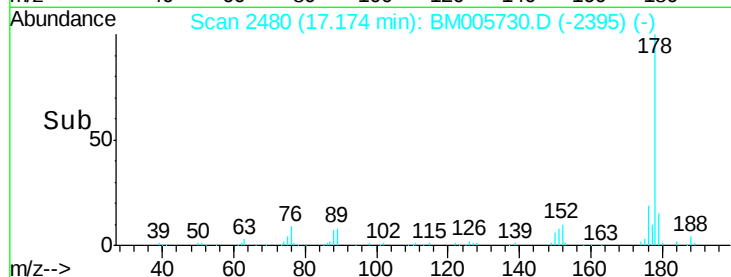
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

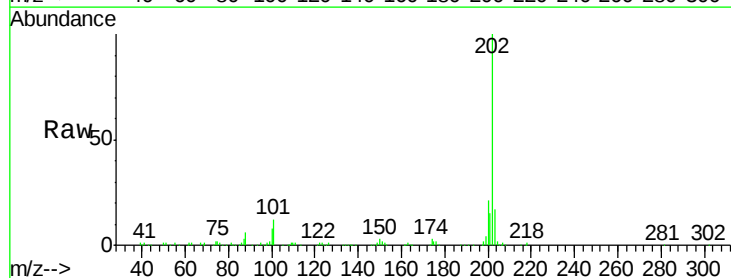


Time--> 17.10 17.15 17.20 17.25

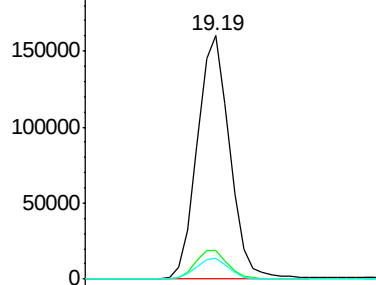


#28
Fluoranthene
Concen: 5.75 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

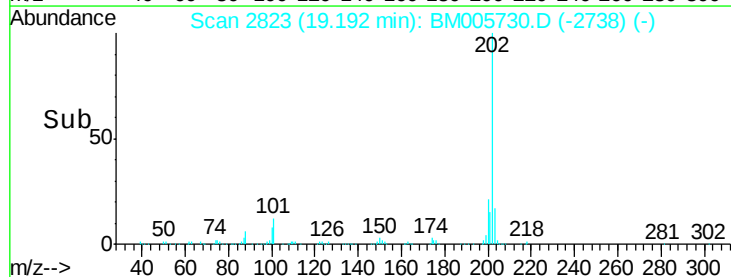
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	228151		
101	11.6		9.4	14.2
100	8.4		6.9	10.3

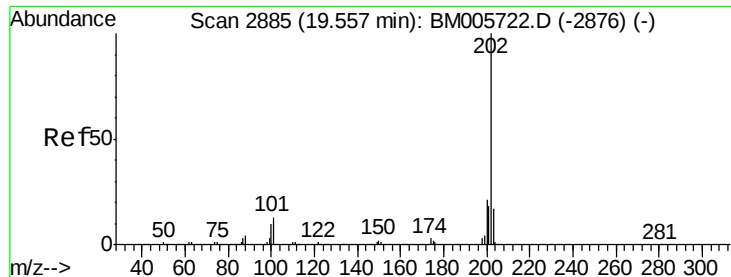


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.15 19.20 19.25





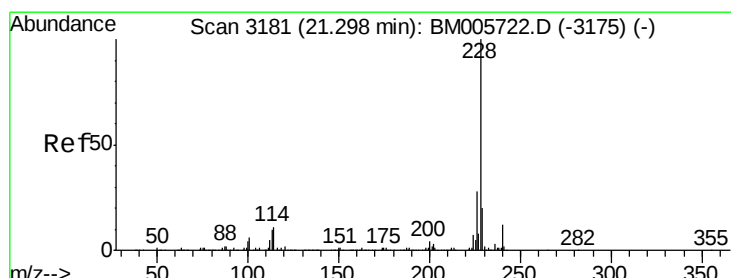
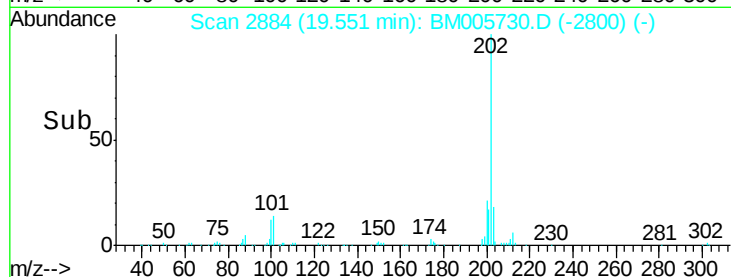
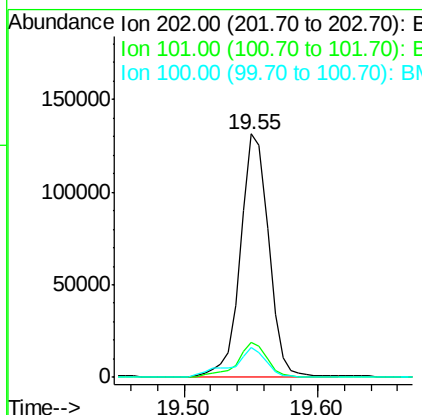
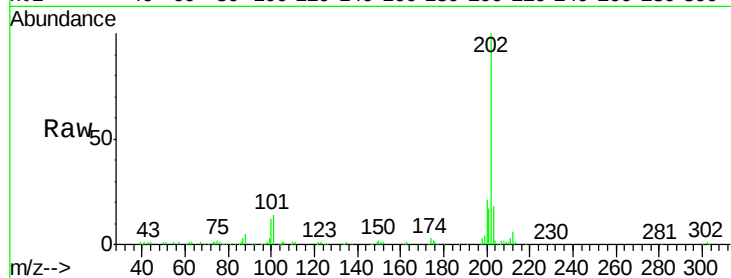
#31
 Pyrene
 Concen: 4.70 ng/ul
 RT: 19.55 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BM005730.D
 Acq: 11 Jun 2016 17:08

Instrument :
 BNA_M
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	194226		
101	14.1	10.6	15.8	
100	12.2	8.4	12.6	

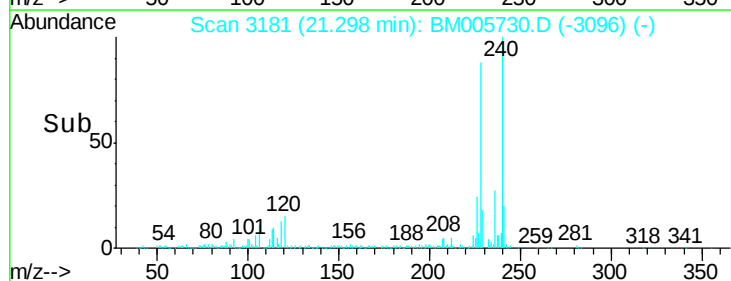
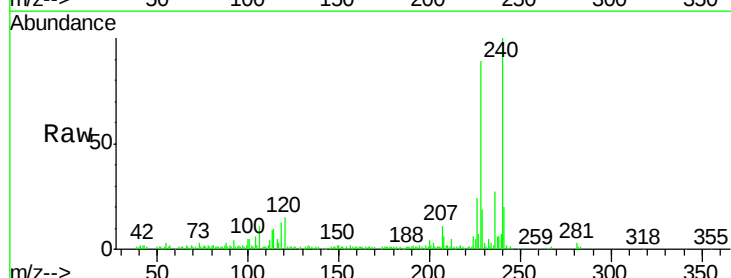
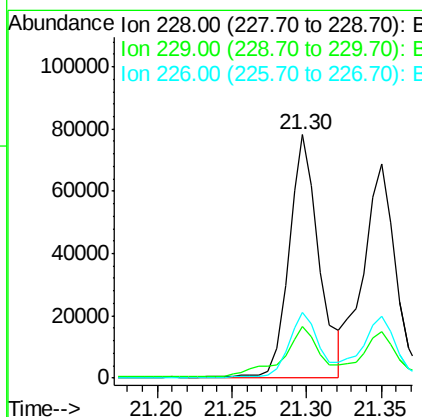
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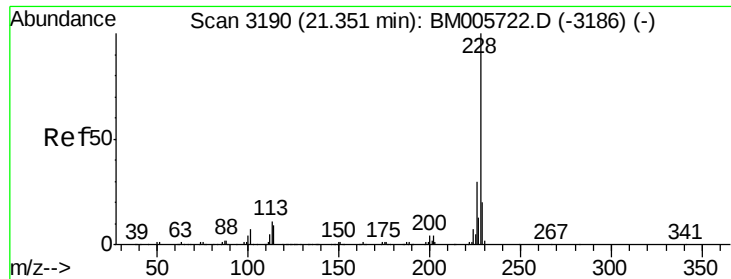
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#32
 Benzo(a)anthracene
 Concen: 2.82 ng/ul
 RT: 21.30 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BM005730.D
 Acq: 11 Jun 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	110685		
229	21.2	16.1	24.1	
226	27.0	22.1	33.1	





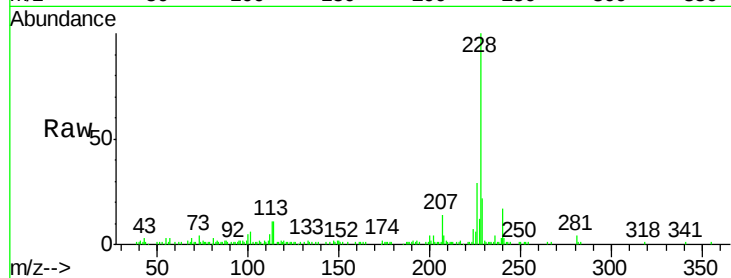
#33
Chrysene
Concen: 2.73 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.0	24.2	36.2
229	21.8	15.8	23.8

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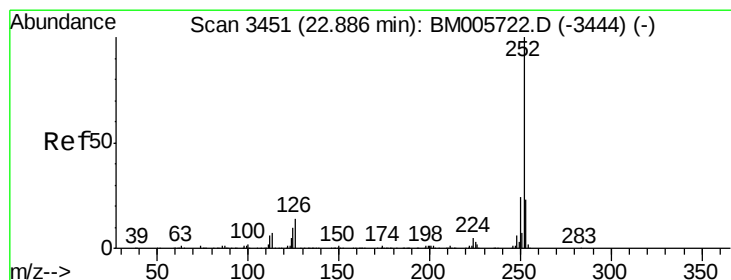
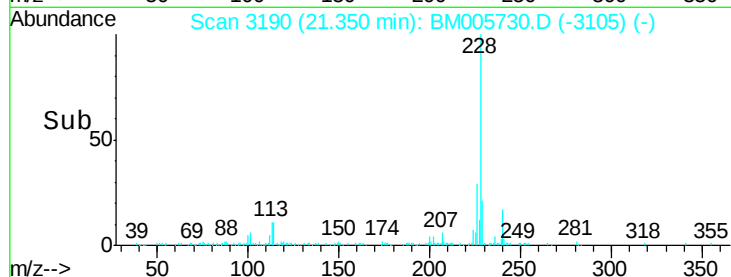
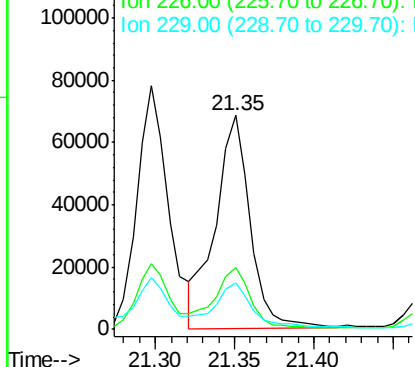


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#35
Benzo(b)fluoranthene
Concen: 3.76 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

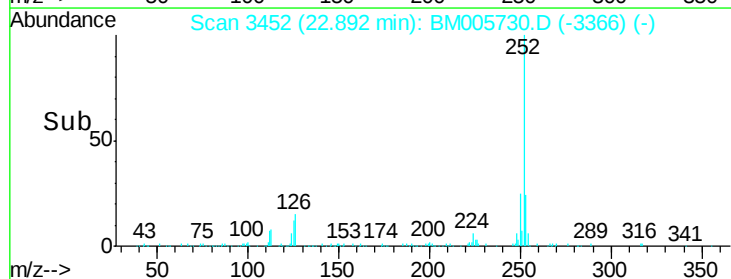
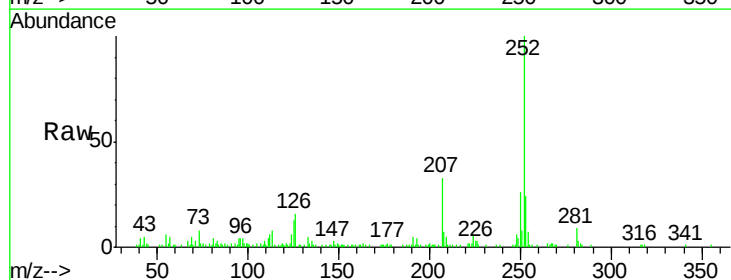
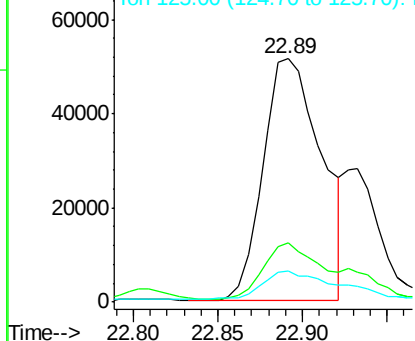
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.4	18.2	27.2
125	12.8	8.4	12.6

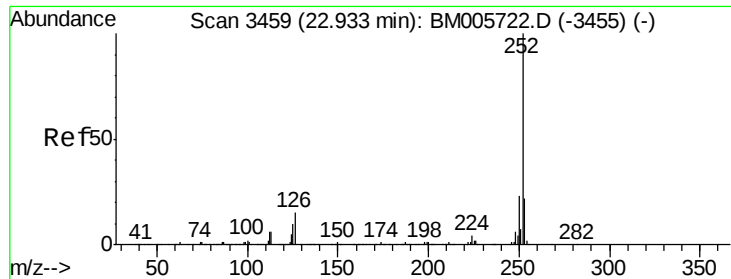
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





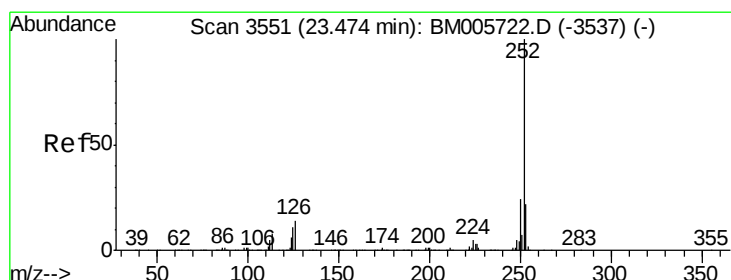
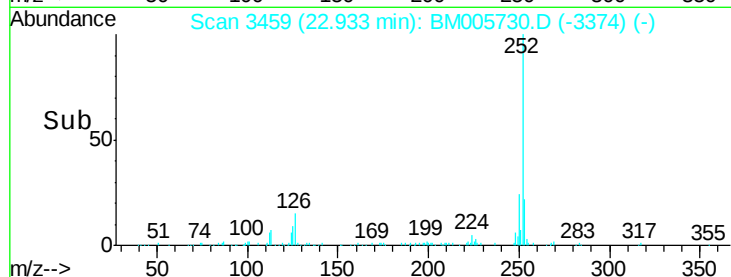
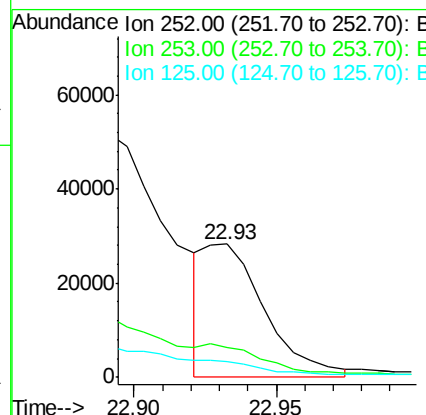
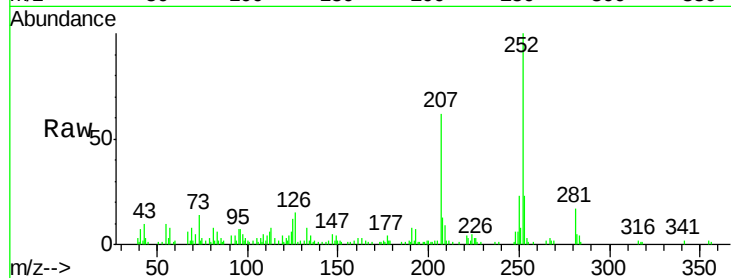
#36
Benzo(k)fluoranthene
Concen: 1.26 ng/ul m
RT: 22.93 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.7	8.2	12.2

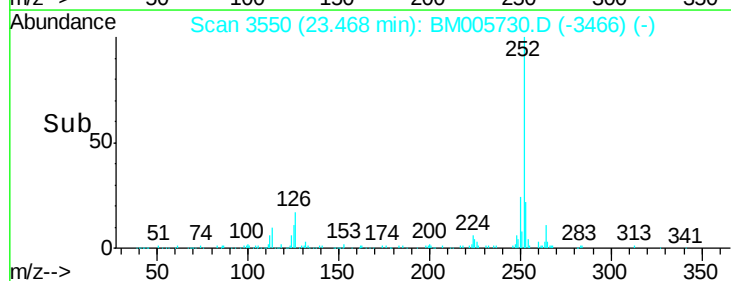
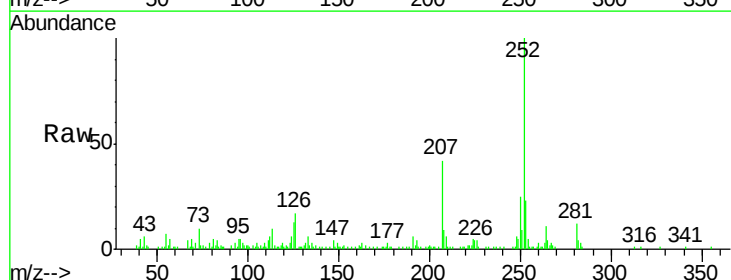
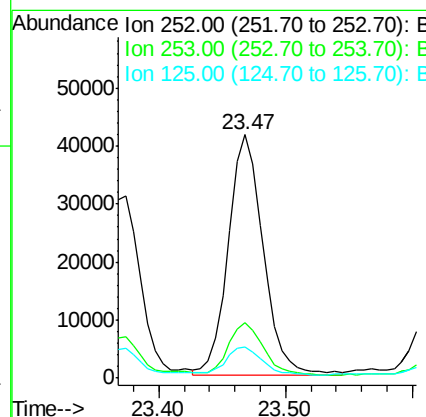
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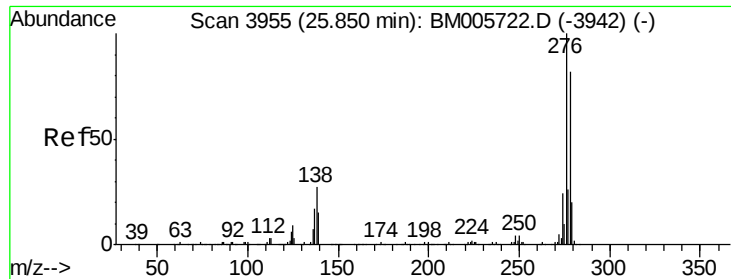
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#38
Benzo(a)pyrene
Concen: 2.56 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.5	9.1	13.7





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.65 ng/ul m

RT: 25.85 min Scan# 3955

Delta R.T. -0.00 min

Lab File: BM005730.D

Acq: 11 Jun 2016 17:08

Instrument :

BNA_M

ClientSampleId :

D9XQ3

Tgt Ion:276 Resp: 50208

Ion Ratio Lower Upper

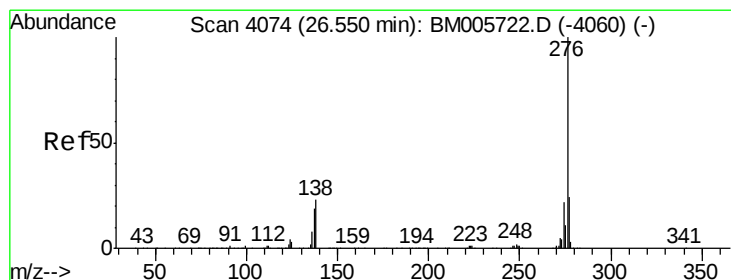
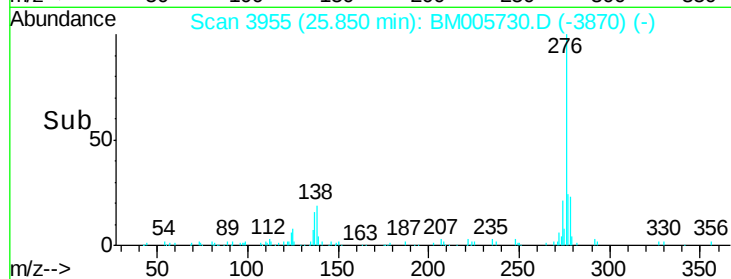
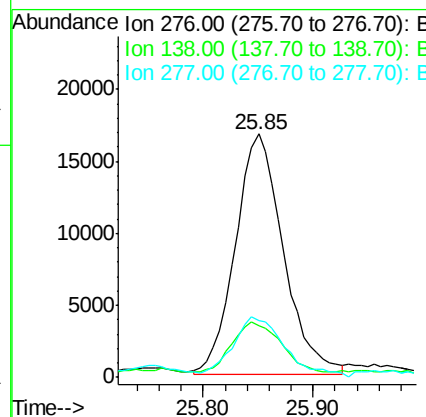
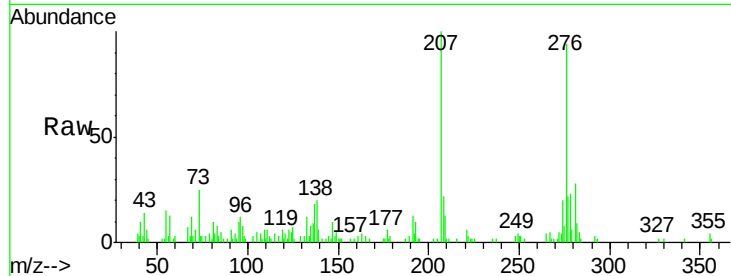
276 100

138 21.3 21.4 32.2#

277 23.6 20.5 30.7

Manual Integrations
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#41

Benzo(g,h,i)perylene

Concen: 1.78 ng/ul

RT: 26.54 min Scan# 4073

Delta R.T. -0.01 min

Lab File: BM005730.D

Acq: 11 Jun 2016 17:08

Tgt Ion:276 Resp: 45289

Ion Ratio Lower Upper

276 100

138 22.8 18.2 27.4

277 23.5 19.5 29.3

