

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
 Data File : BM005735.D
 Acq On : 11 Jun 2016 23:50
 Operator : UM/SJ
 Sample : H3411-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XR4

Manual Integrations
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Quant Time: Jun 12 00:46:49 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	7.74	152	94222	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	496091	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	314912	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	709018	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	606632	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	496068	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	2395	1.10	ng/uL	0.00
3) Phenol-d5	6.93	99	89157	10.97	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	73207	14.99	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	86137	13.10	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	41548	6.05	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	49579	13.87	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	53187	13.16	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	85544	11.67	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	33484	3.78	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	367306	14.14	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	496639	15.63	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	10839	2.85	ng/ul	0.02
21) Fluorene-d10	15.38	176	356039	16.19	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	20475	5.58	ng/ul	0.00
26) Anthracene-d10	17.23	188	495986	14.85	ng/ul	0.00
30) Pyrene-d10	19.53	212	573834	19.69	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	359596	15.89	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.17	178	86905	2.24	ng/ul	98
28) Fluoranthene	19.19	202	209893	4.60	ng/ul	100
31) Pyrene	19.56	202	179649	4.87	ng/ul	100
32) Benzo(a)anthracene	21.30	228	81848	2.34	ng/ul	98
33) Chrysene	21.35	228	89308	2.58	ng/ul	98
35) Benzo(b)fluoranthene	22.90	252	108383	3.68	ng/ul#	97
36) Benzo(k)fluoranthene	22.93	252	30381m	1.02	ng/ul	
38) Benzo(a)pyrene	23.47	252	63567	2.27	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	25.85	276	48410	1.77	ng/ul	95
41) Benzo(g,h,i)perylene	26.55	276	46432	2.03	ng/ul	97

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

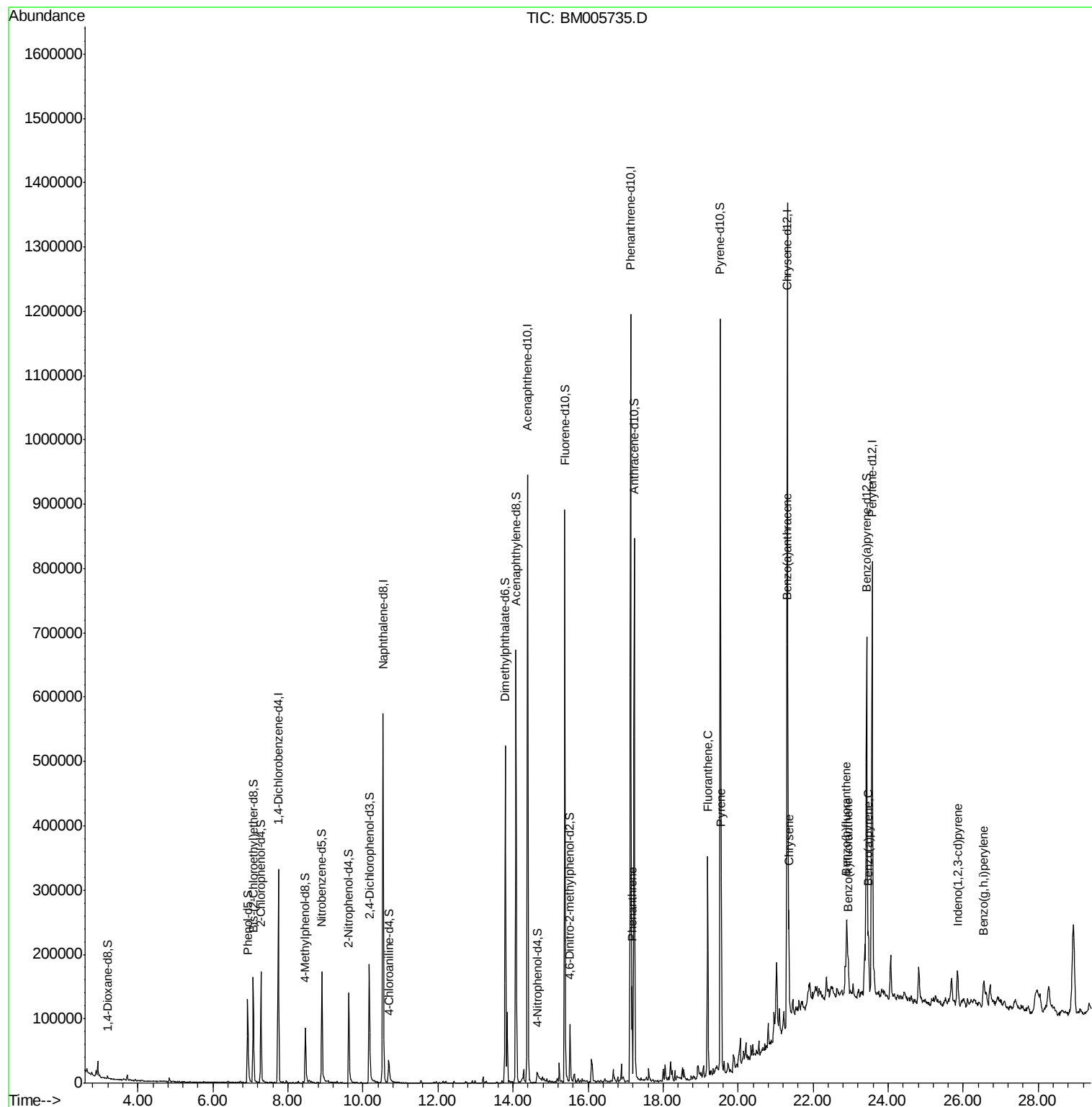
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005735.D
Acq On : 11 Jun 2016 23:50
Operator : UM/SJ
Sample : H3411-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

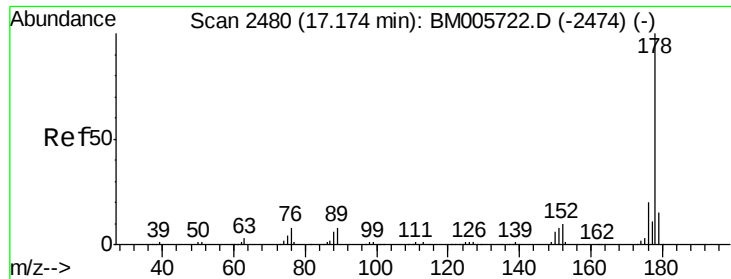
Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 23:08:56 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 2.24 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM005735.D

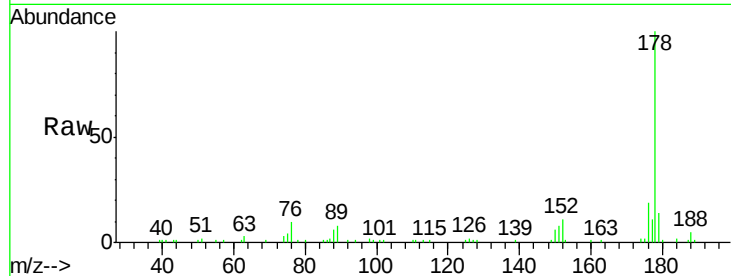
Acq: 11 Jun 2016 23:50

Instrument :

BNA_M

ClientSampleId :

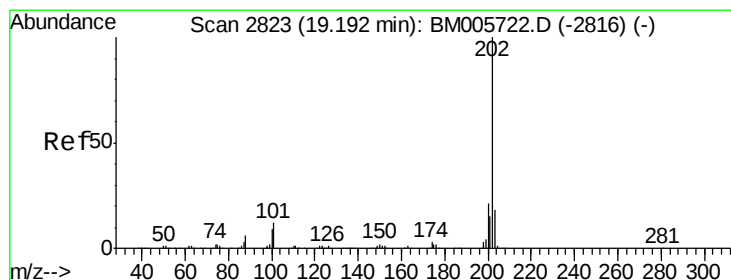
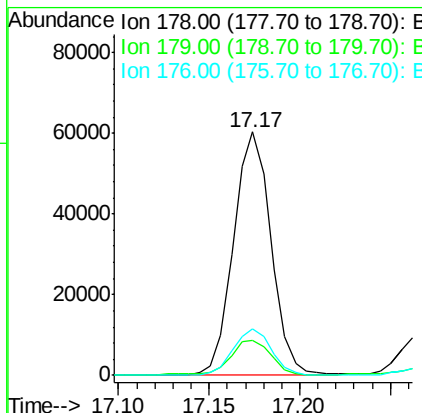
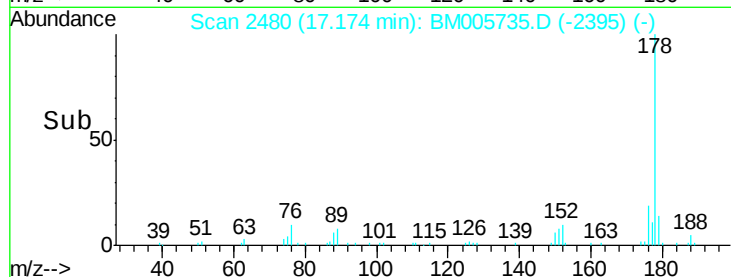
D9XR4



Tgt Ion:	178	Resp:	86905
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.4	18.6
176	19.0	15.8	23.6

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#28

Fluoranthene

Concen: 4.60 ng/ul

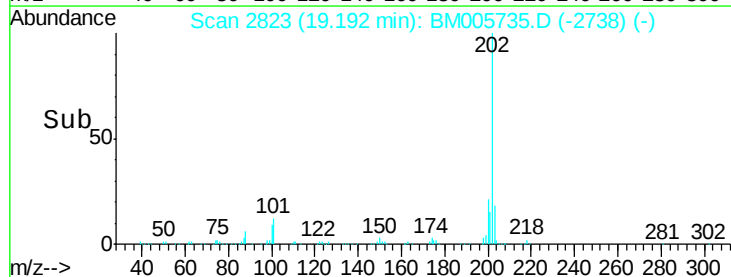
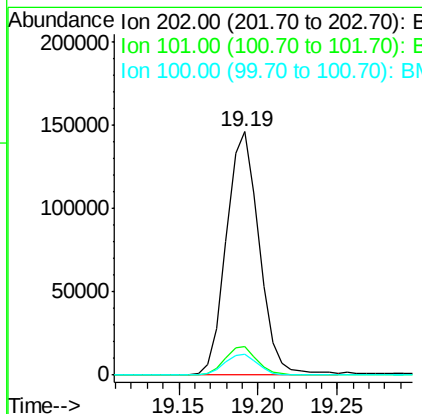
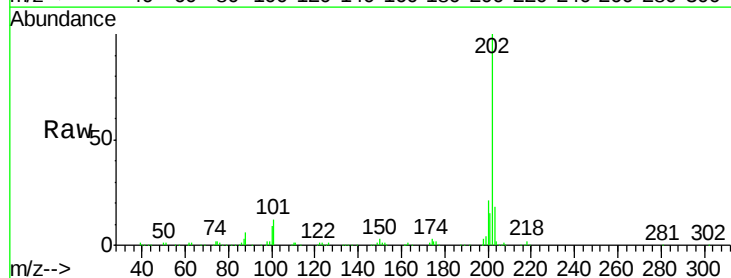
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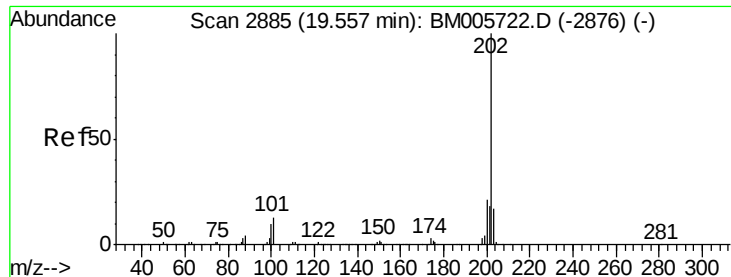
Delta R.T. -0.00 min

Lab File: BM005735.D

Acq: 11 Jun 2016 23:50

Tgt Ion:	202	Resp:	209893
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.4	14.2
100	8.8	6.9	10.3





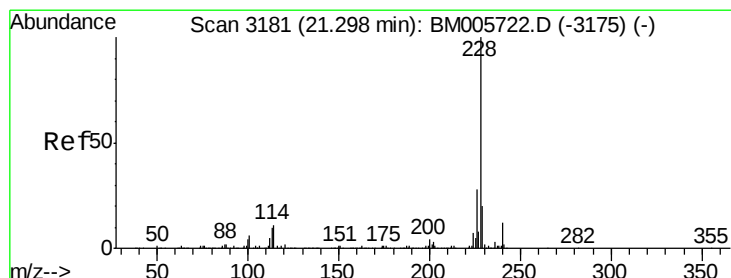
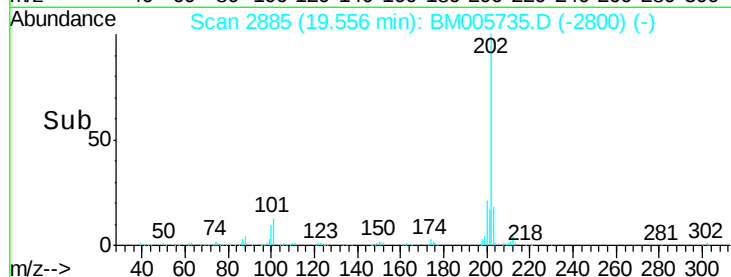
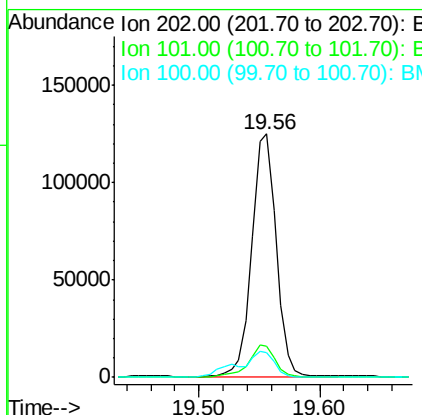
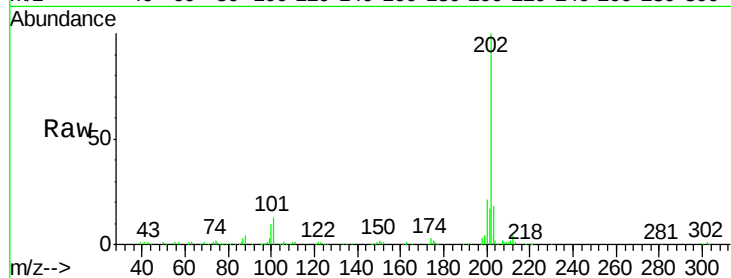
#31
 Pyrene
 Concen: 4.87 ng/ul
 RT: 19.56 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BM005735.D
 Acq: 11 Jun 2016 23:50

Instrument :
 BNA_M
 ClientSampleId :
 D9XR4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	179649		
101	13.0	10.6	15.8	
100	10.4	8.4	12.6	

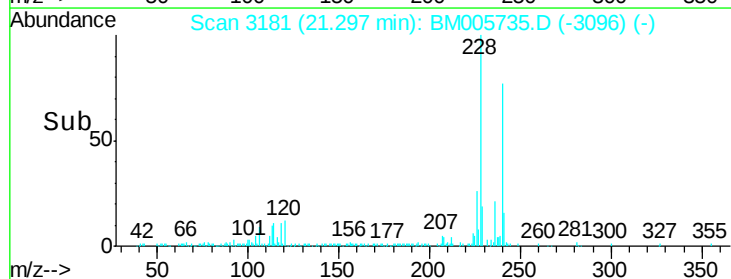
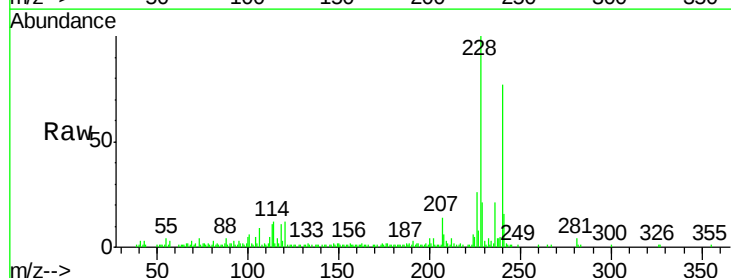
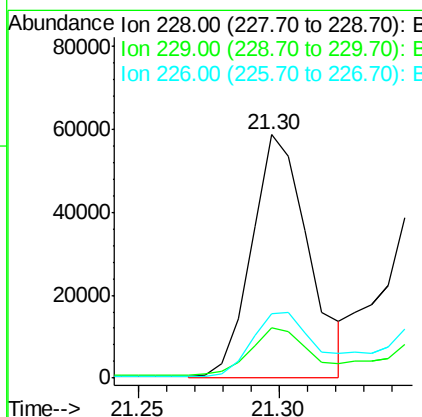
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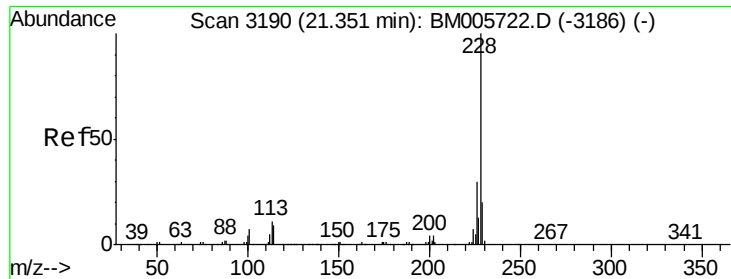
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#32
 Benzo(a)anthracene
 Concen: 2.34 ng/ul
 RT: 21.30 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BM005735.D
 Acq: 11 Jun 2016 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	81848		
229	20.6	16.1	24.1	
226	26.2	22.1	33.1	





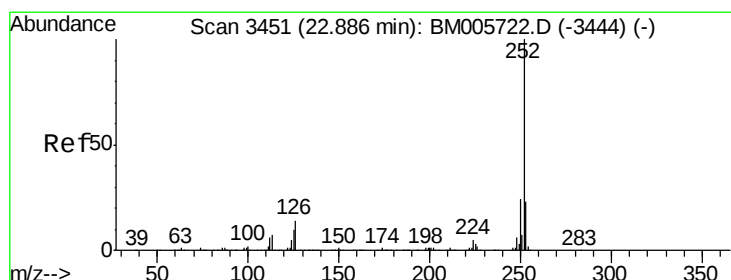
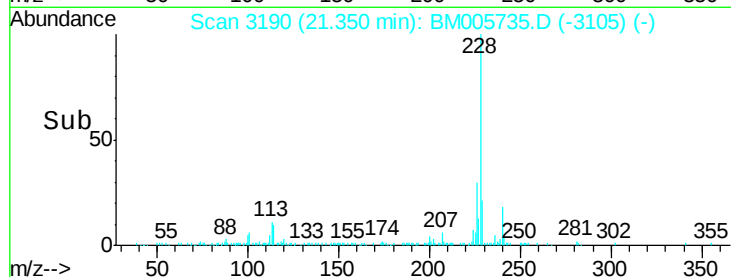
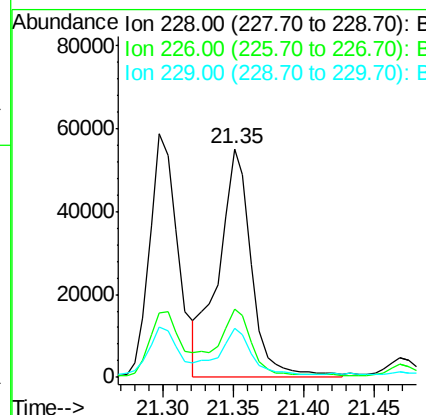
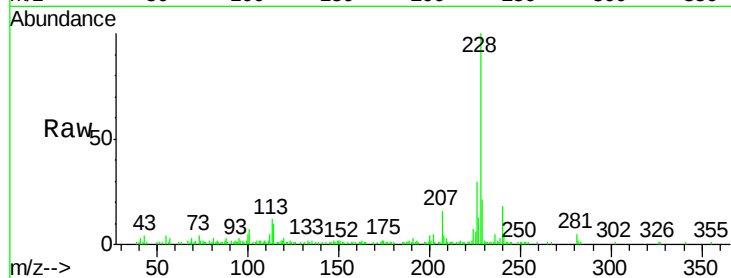
#33
Chrysene
Concen: 2.58 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005735.D
Acq: 11 Jun 2016 23:50

Instrument :
BNA_M
ClientSampleId :
D9XR4

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.6	24.2	36.2
229	21.2	15.8	23.8

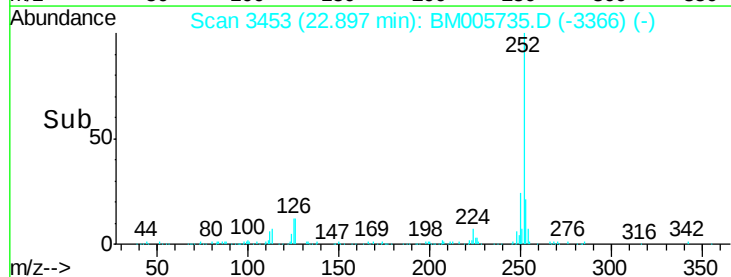
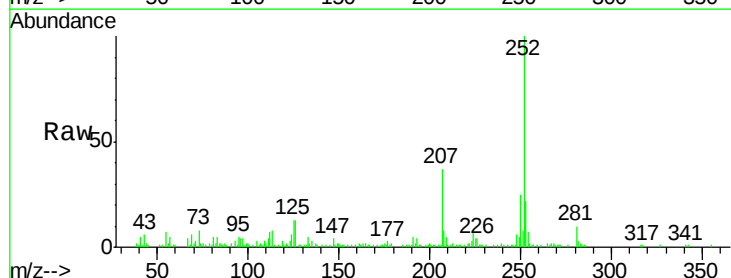
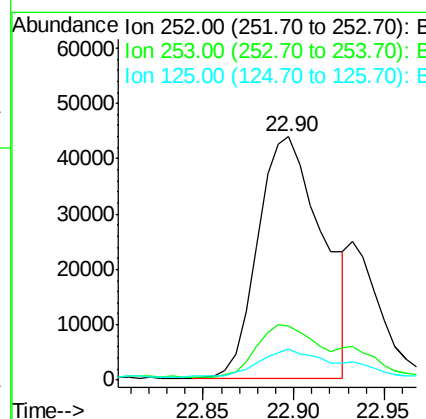
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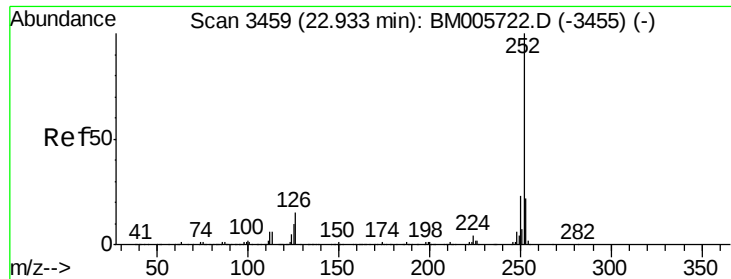
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#35
Benzo(b)fluoranthene
Concen: 3.68 ng/ul
RT: 22.90 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BM005735.D
Acq: 11 Jun 2016 23:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	18.2	27.2
125	12.9	8.4	12.6





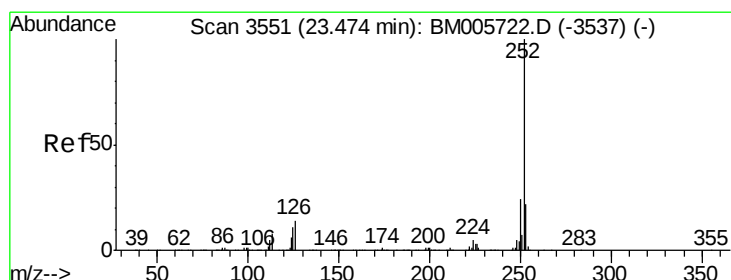
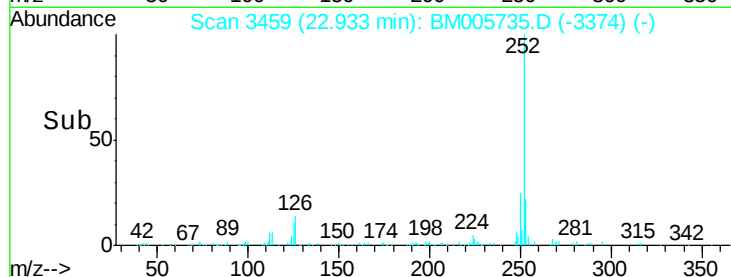
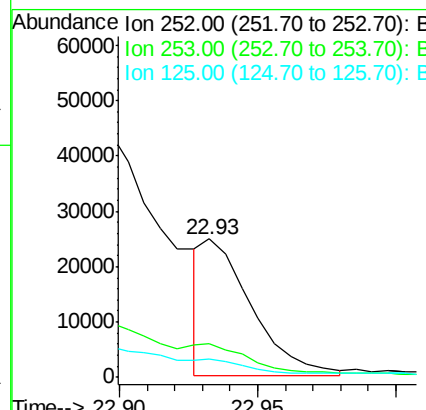
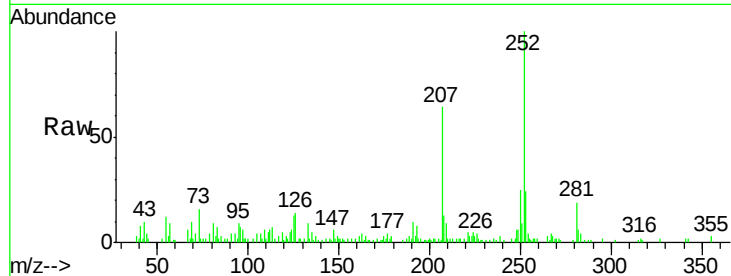
#36
Benzo(k)fluoranthene
Concen: 1.02 ng/ul m
RT: 22.93 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM005735.D
Acq: 11 Jun 2016 23:50

Instrument :
BNA_M
ClientSampled :
D9XR4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	13.2	8.2	12.2#

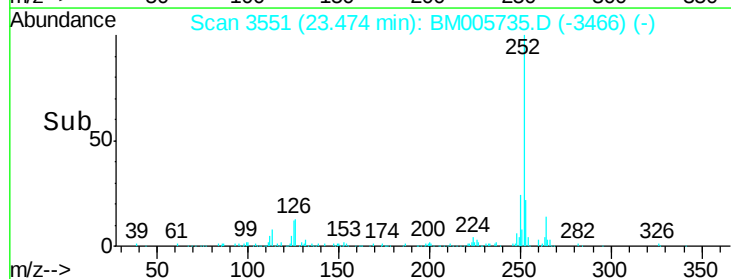
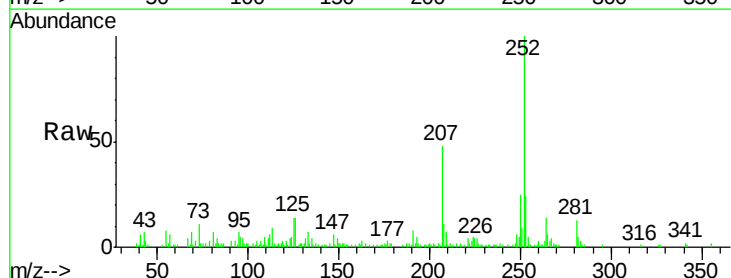
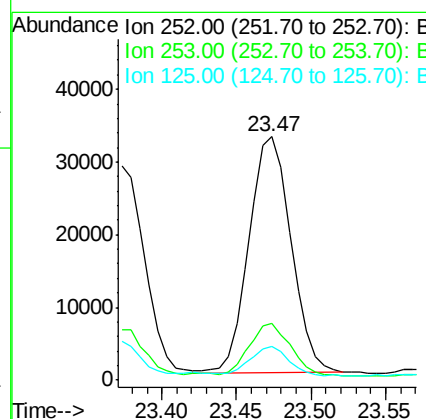
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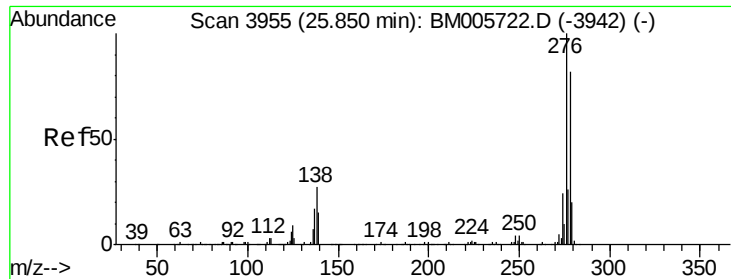
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#38
Benzo(a)pyrene
Concen: 2.27 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005735.D
Acq: 11 Jun 2016 23:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	13.9	9.1	13.7#





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.77 ng/ul

RT: 25.85 min Scan# 3955

Delta R.T. -0.00 min

Lab File: BM005735.D

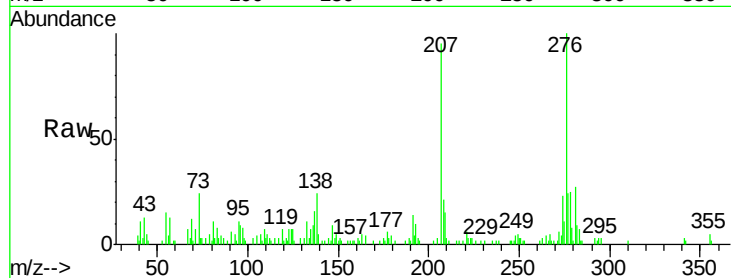
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Instrument :

BNA_M

ClientSampleId :

D9XR4



Tgt Ion: 276 Resp: 48410

Ion Ratio Lower Upper

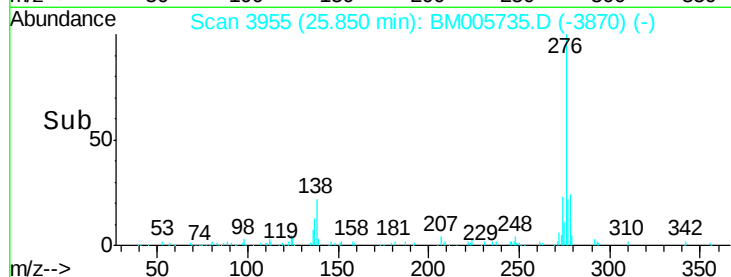
276 100

138 23.9 21.4 32.2

277 23.9 20.5 30.7

Manual Integrations
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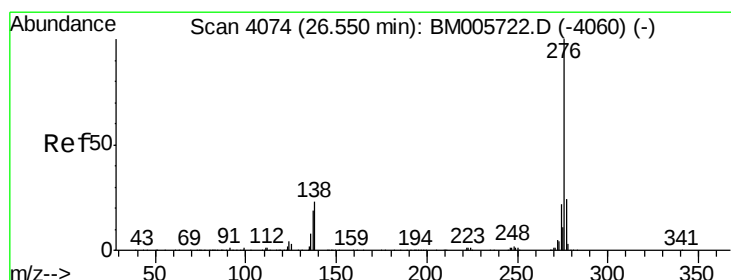
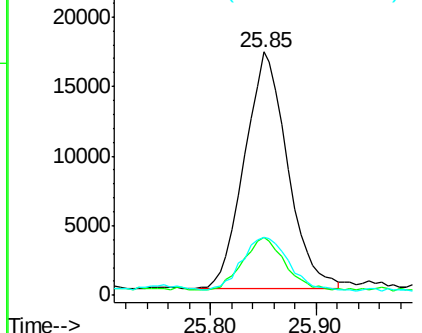
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#41

Benzo(g,h,i)perylene

Concen: 2.03 ng/ul

RT: 26.55 min Scan# 4074

Delta R.T. -0.00 min

Lab File: BM005735.D

Acq: 11 Jun 2016 23:50

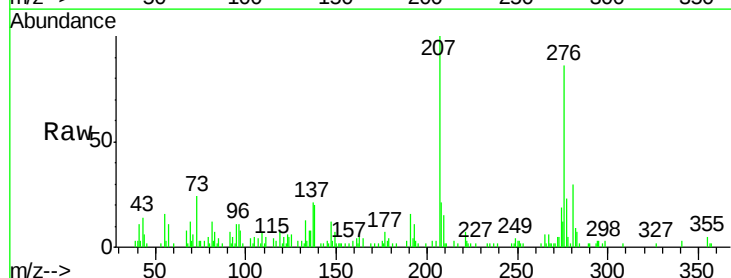
Tgt Ion: 276 Resp: 46432

Ion Ratio Lower Upper

276 100

138 23.8 18.2 27.4

277 26.6 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

