

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
 Data File : BM005738.D
 Acq On : 12 Jun 2016 01:39
 Operator : UM/SJ
 Sample : H3412-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XT8

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Quant Time: Jun 12 02:39:04 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	107975	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	505408	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	297902	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	579782	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	483978	20.00	ng/ul	0.00
34) Perylene-d12	23.58	264	452258	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	2678	1.08	ng/uL	0.00
3) Phenol-d5	6.93	99	139408	14.96	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	84442	15.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	125263	16.63	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	98668	12.53	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	57483	15.78	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	67722	16.44	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	124288	16.64	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	13961	1.55	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	428888	17.46	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	553649	18.42	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	38696	10.77	ng/ul	0.00
21) Fluorene-d10	15.38	176	382760	18.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	35876	11.96	ng/ul	0.00
26) Anthracene-d10	17.23	188	525366	19.24	ng/ul	0.00
30) Pyrene-d10	19.53	212	474978	20.43	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	377275	18.29	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.17	178	50863	1.60	ng/ul	99
28) Fluoranthene	19.19	202	113688	3.05	ng/ul	99
31) Pyrene	19.56	202	104633	3.55	ng/ul	98
32) Benzo(a)anthracene	21.30	228	53960	1.93	ng/ul#	90
33) Chrysene	21.35	228	70203	2.55	ng/ul#	92
35) Benzo(b)fluoranthene	22.90	252	89075	3.31	ng/ul#	83
36) Benzo(k)fluoranthene	22.93	252	30572m	1.13	ng/ul	
38) Benzo(a)pyrene	23.48	252	53420	2.09	ng/ul#	76
39) Indeno(1,2,3-cd)pyrene	25.87	276	48924	1.96	ng/ul#	84
41) Benzo(g,h,i)perylene	26.59	276	56247	2.70	ng/ul#	84

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

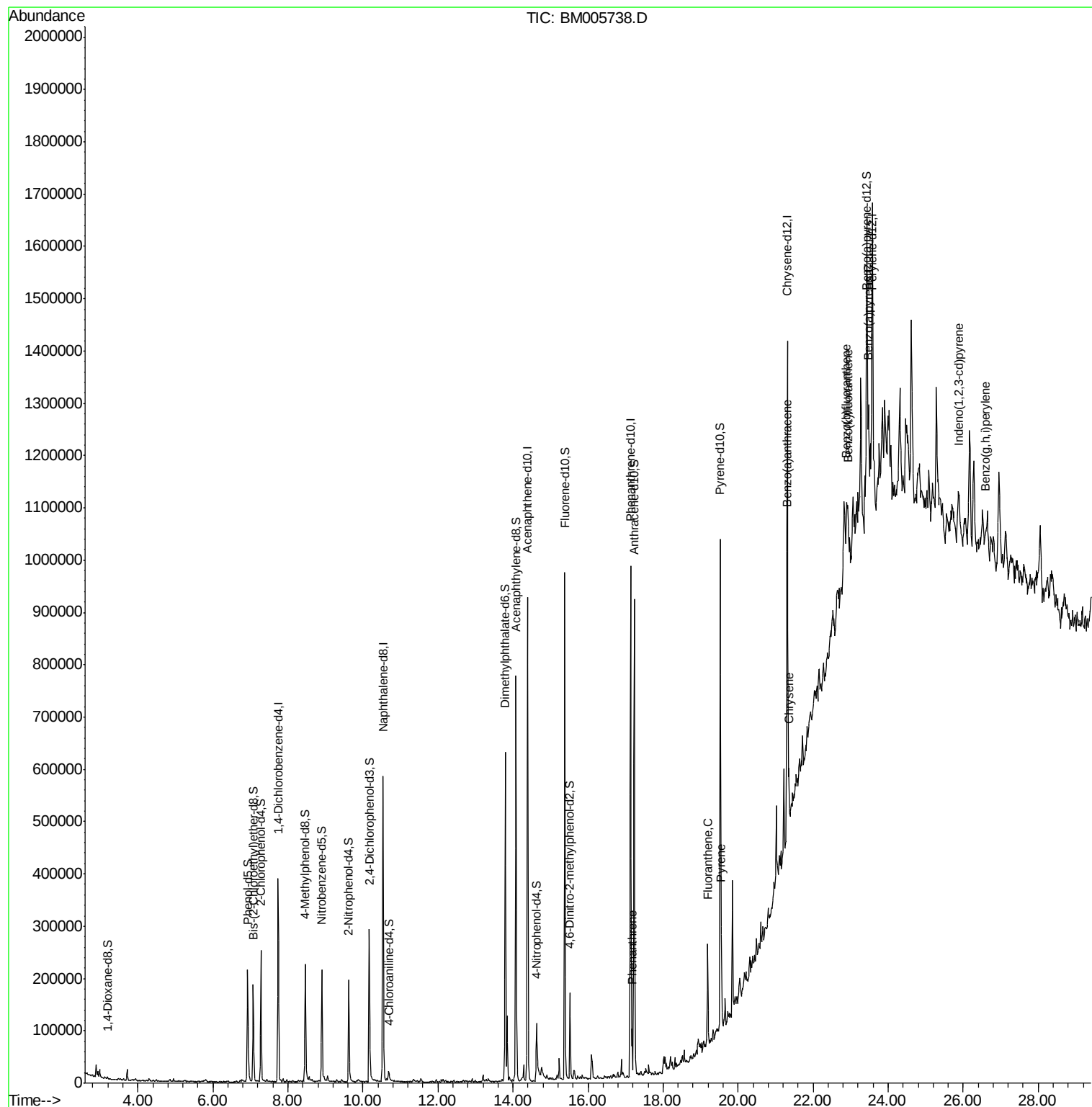
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005738.D
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Operator : UM/SJ
Sample : H3412-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

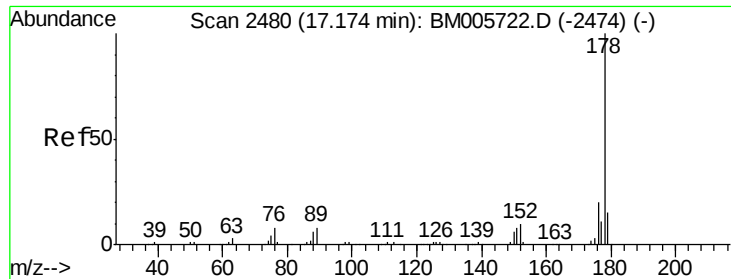
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 12 02:39:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
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#25

Phenanthrene

Concen: 1.60 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM005738.D

Acq: 12 Jun 2016 01:39

Instrument :

BNA_M

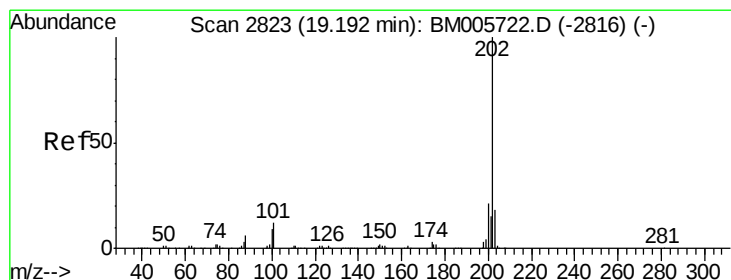
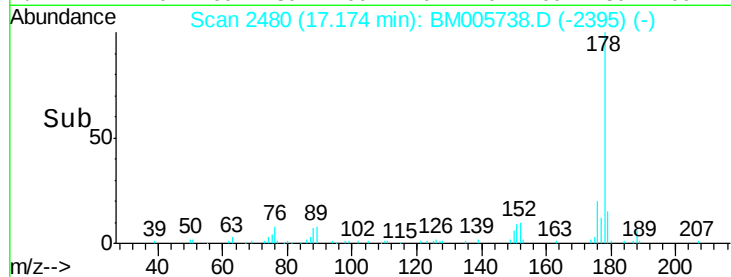
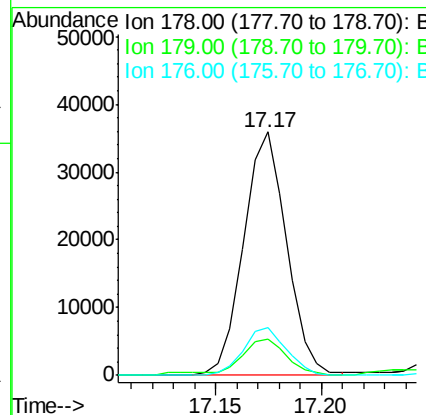
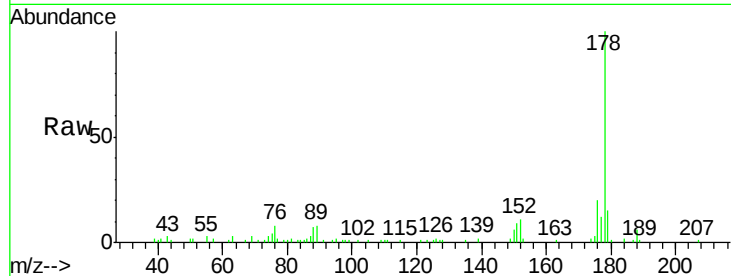
ClientSampleId :

D9XT8

Tgt Ion:	178	Resp:	50863
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.4	18.6
176	19.6	15.8	23.6

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#28

Fluoranthene

Concen: 3.05 ng/ul

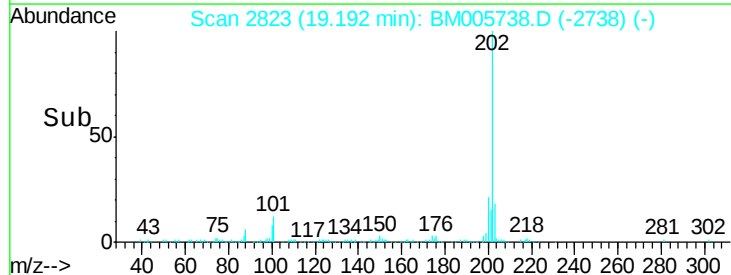
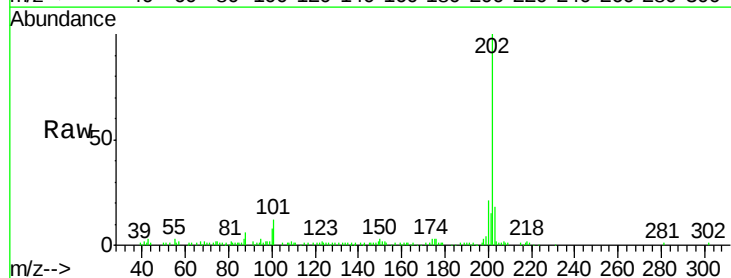
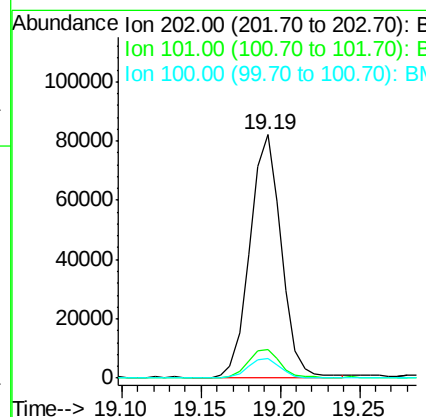
RT: 19.19 min Scan# 2823

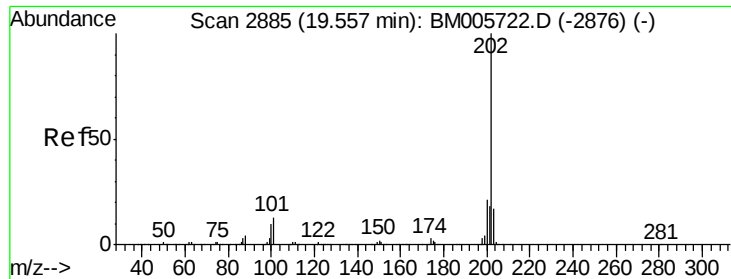
Delta R.T. -0.00 min

Lab File: BM005738.D

Acq: 12 Jun 2016 01:39

Tgt Ion:	202	Resp:	113688
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.4	14.2
100	8.1	6.9	10.3





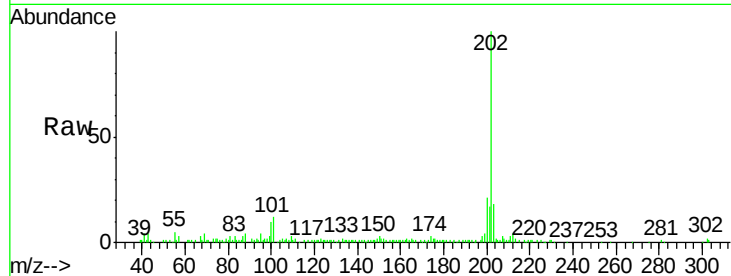
#31
Pyrene
Concen: 3.55 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM005738.D
Acq: 12 Jun 2016 01:39

Instrument :
BNA_M
ClientSampleId :
D9XT8

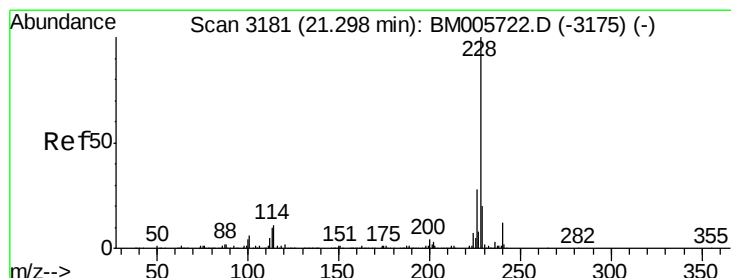
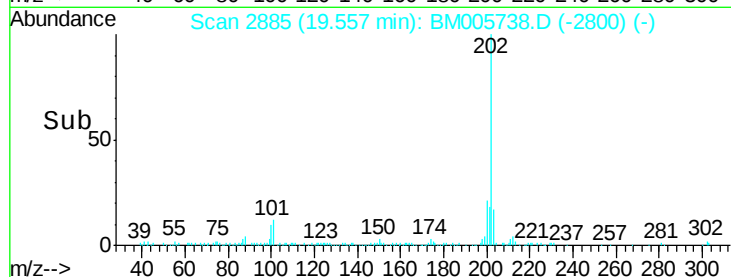
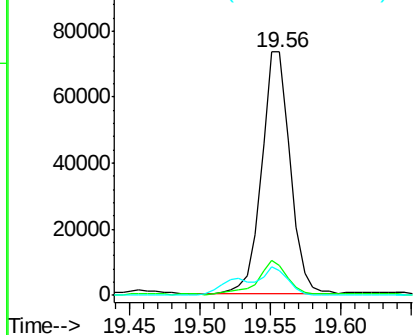
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	104633		
101	12.2	10.6	15.8	
100	10.1	8.4	12.6	

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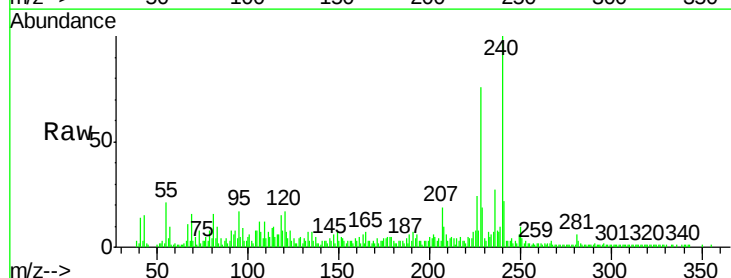


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

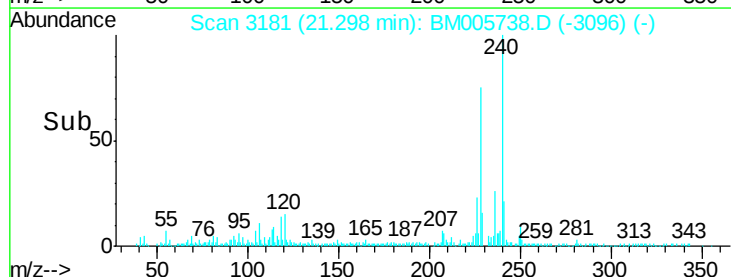
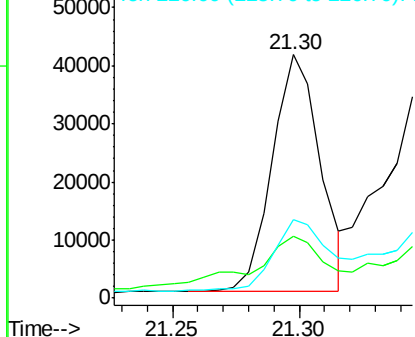


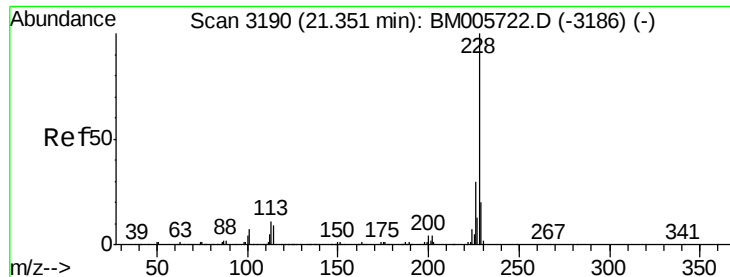
#32
Benzo(a)anthracene
Concen: 1.93 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005738.D
Acq: 12 Jun 2016 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	53960		
229	25.5	16.1	24.1#	
226	32.0	22.1	33.1	



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 2.55 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BM005738.D

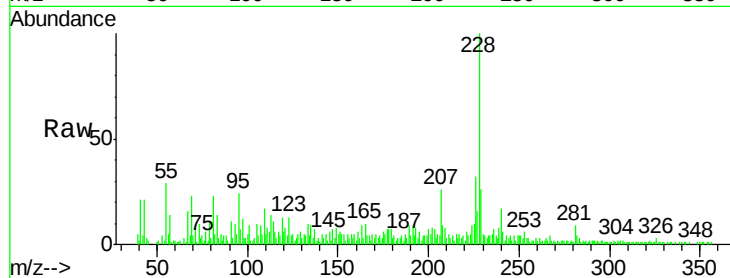
Acq: 12 Jun 2016 01:39

Instrument :

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Tgt Ion: 228 Resp: 70203

Ion Ratio Lower Upper

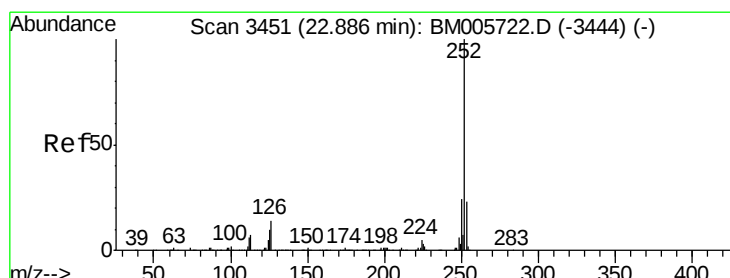
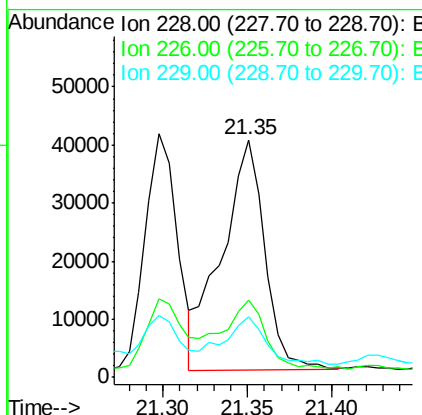
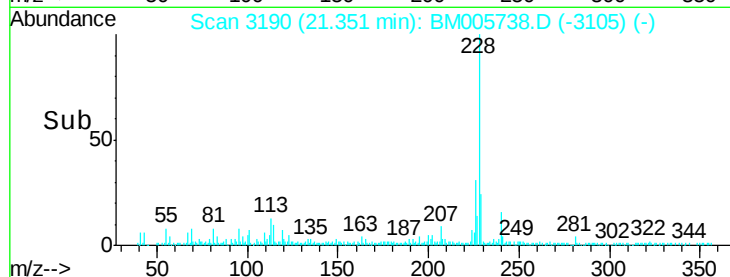
228 100

226 32.5 24.2 36.2

229 25.6 15.8 23.8#

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#35

Benzo(b)fluoranthene

Concen: 3.31 ng/ul

RT: 22.90 min Scan# 3453

Delta R.T. 0.01 min

Lab File: BM005738.D

Acq: 12 Jun 2016 01:39

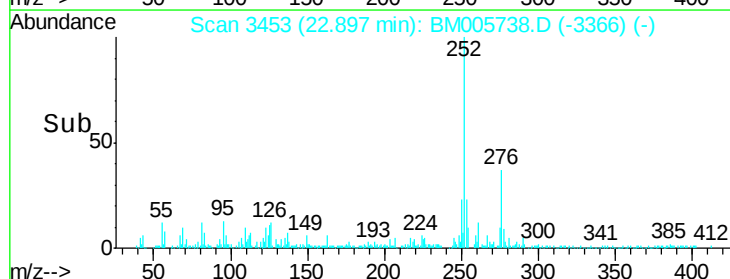
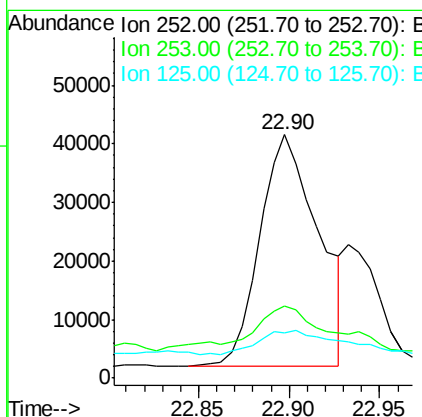
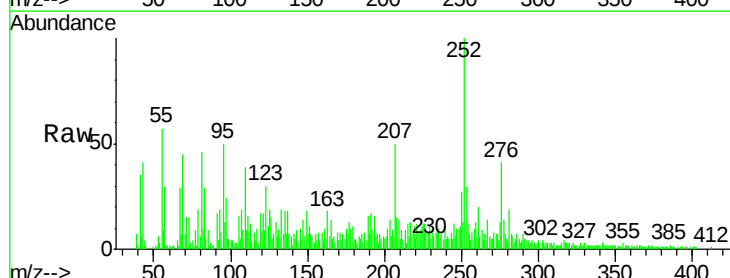
Tgt Ion: 252 Resp: 89075

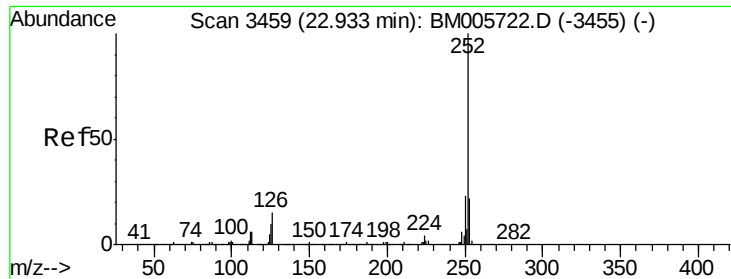
Ion Ratio Lower Upper

252 100

253 29.5 18.2 27.2#

125 18.7 8.4 12.6#





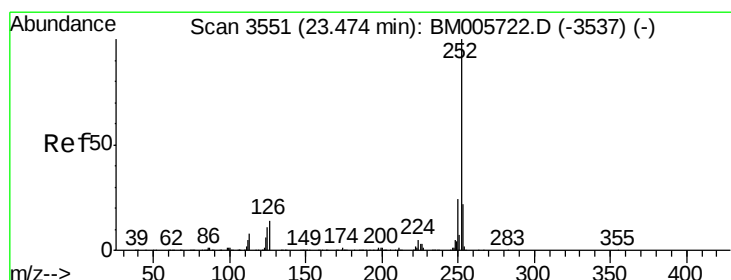
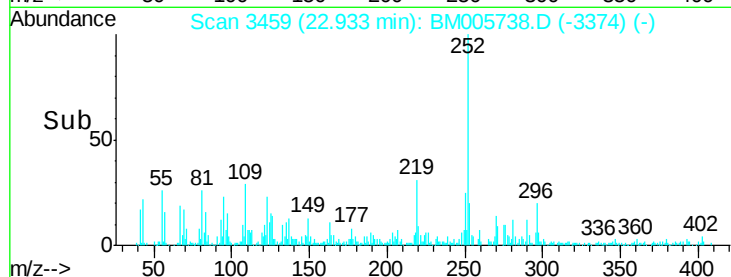
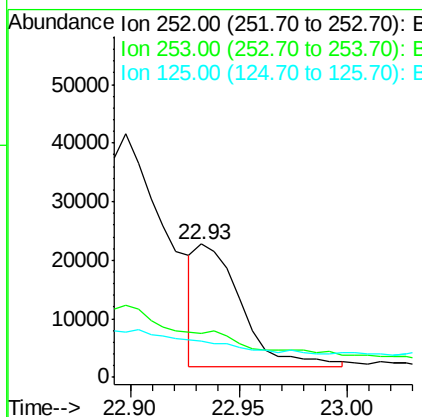
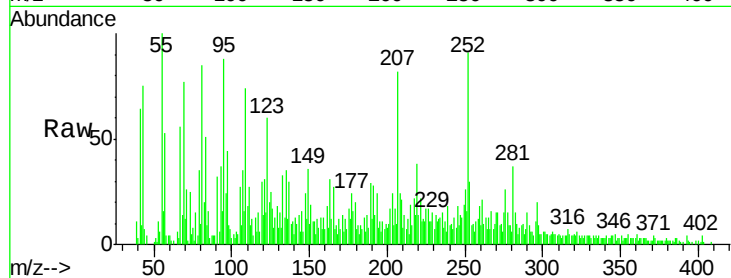
#36
Benzo(k)fluoranthene
Concen: 1.13 ng/ul m
RT: 22.93 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM005738.D
Acq: 12 Jun 2016 01:39

Instrument :
BNA_M
ClientSampleId :
D9XT8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.5	26.3#
125	27.7	8.2	12.2#

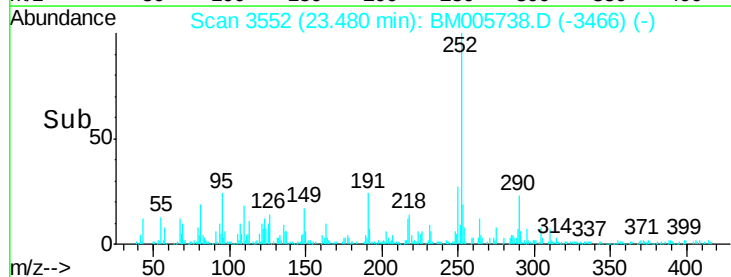
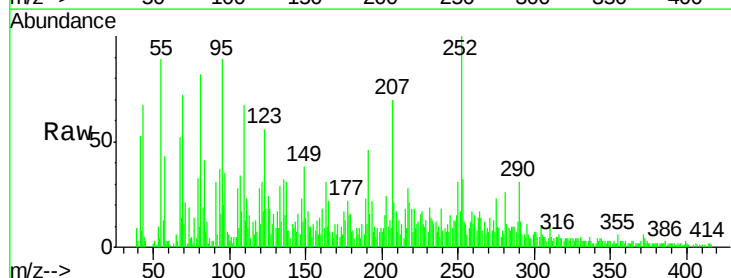
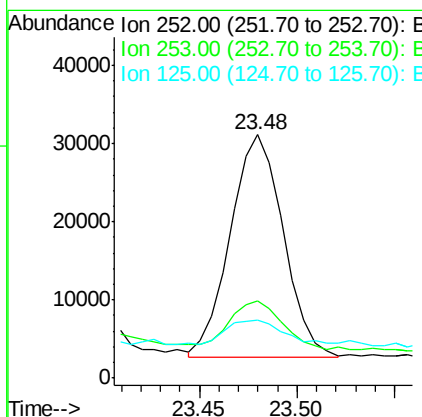
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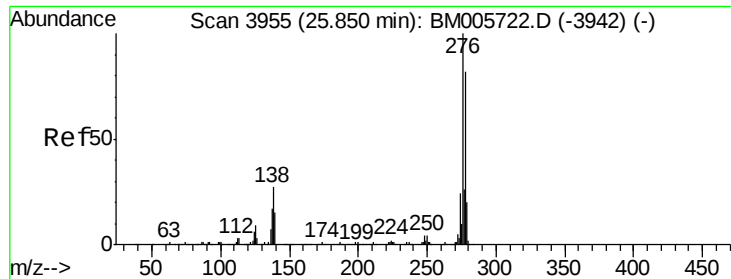
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#38
Benzo(a)pyrene
Concen: 2.09 ng/ul
RT: 23.48 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM005738.D
Acq: 12 Jun 2016 01:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.7	26.5#
125	23.6	9.1	13.7#





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.96 ng/ul

RT: 25.87 min Scan# 3959

Delta R.T. 0.02 min

Lab File: BM005738.D

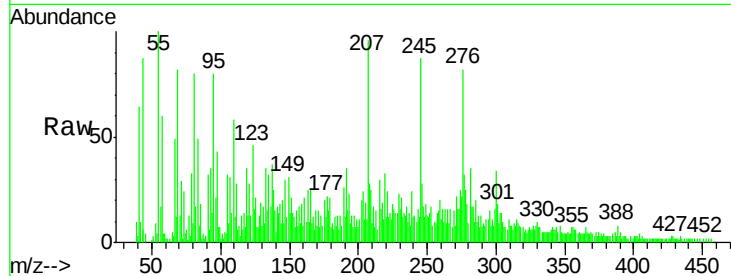
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Instrument :

BNA_M

ClientSampleId :

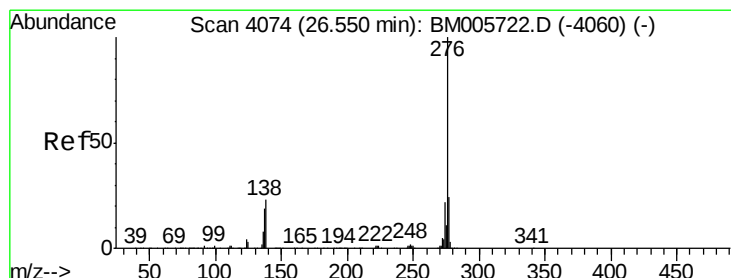
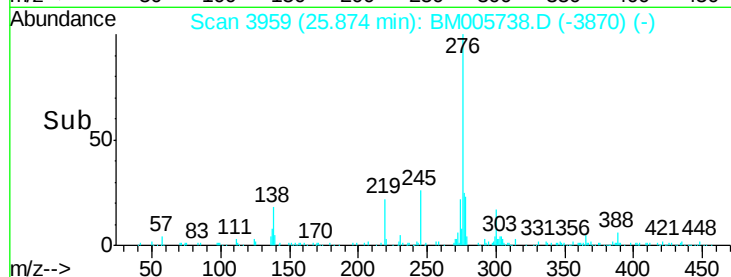
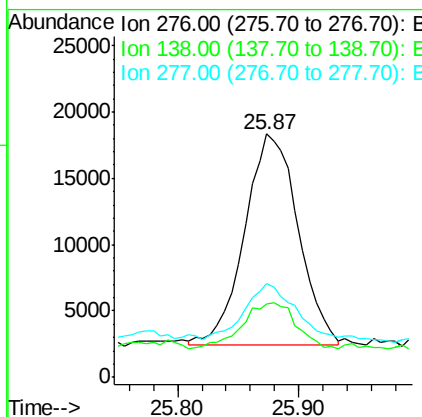
D9XT8



Tgt Ion:	276	Resp:	48924
Ion Ratio	Lower	Upper	
276	100		
138	30.3	21.4	32.2
277	38.6	20.5	30.7#

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#41

Benzo(g,h,i)perylene

Concen: 2.70 ng/ul

RT: 26.59 min Scan# 4080

Delta R.T. 0.04 min

Lab File: BM005738.D

Acq: 12 Jun 2016 01:39

Tgt Ion:	276	Resp:	56247
Ion Ratio	Lower	Upper	
276	100		
138	28.5	18.2	27.4#
277	34.2	19.5	29.3#

