

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
 Data File : BM006977.D
 Acq On : 08 Aug 2016 04:37
 Operator : UM/SJ
 Sample : H4301-10
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0F1

Manual Integrations
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Quant Time: Aug 08 15:56:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 15:12:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	277546	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1298620	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.21	164	833212	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.97	188	1992169	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	2079472	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1817345	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	10293	1.69	ng/uL	0.00
3) Phenol-d5	6.76	99	537271	20.42	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	395775	23.98	ng/ul	0.00
5) 2-Chlorophenol-d4	7.09	132	449942	23.95	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	371832	16.93	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	251809	26.11	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	285136	24.68	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.97	165	523677	23.91	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	521136	19.93	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1806973	24.64	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	2206642	26.02	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	174254	16.38	ng/ul	0.00
21) Fluorene-d10	15.21	176	1589171	25.50	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	165737	20.15	ng/ul	0.00
26) Anthracene-d10	17.07	188	2487460	25.84	ng/ul	0.00
30) Pyrene-d10	19.37	212	2946031	29.72	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.23	264	2214763	25.59	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.01	178	246502	2.21	ng/ul	97
28) Fluoranthene	19.04	202	507598	3.74	ng/ul	99
31) Pyrene	19.40	202	461469m	3.57	ng/ul	
32) Benzo(a)anthracene	21.16	228	269670	2.19	ng/ul	95
33) Chrysene	21.22	228	272334m	2.51	ng/ul	
35) Benzo(b)fluoranthene	22.71	252	411967	3.47	ng/ul	97
38) Benzo(a)pyrene	23.27	252	264796	2.46	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.54	276	222865	2.04	ng/ul#	96
41) Benzo(g,h,i)perylene	26.22	276	322846	3.76	ng/ul	99

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

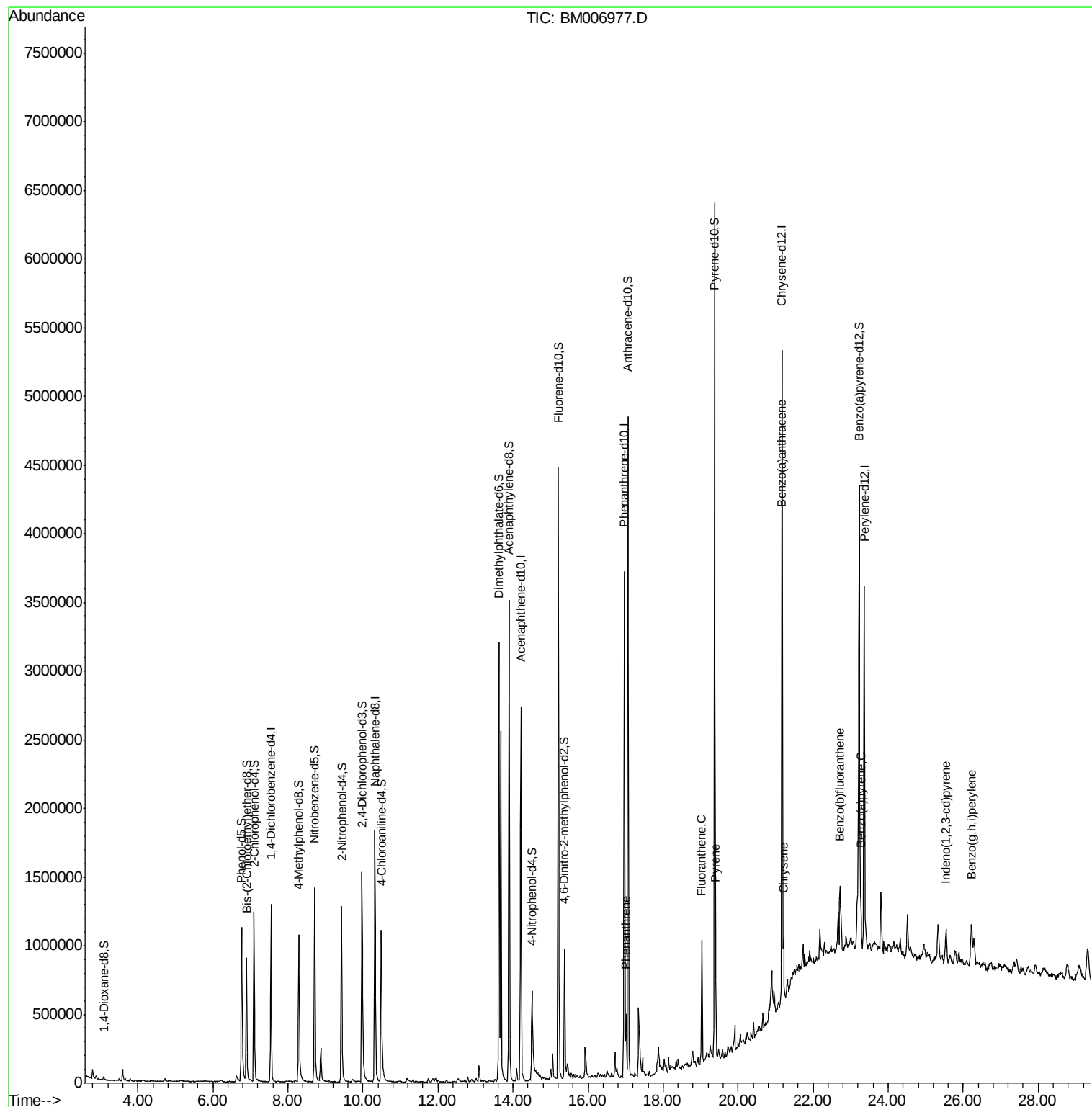
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
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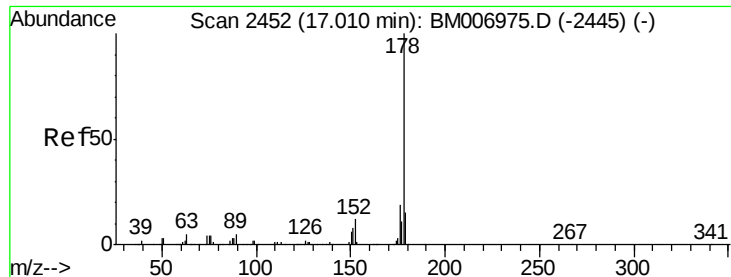
Instrument :
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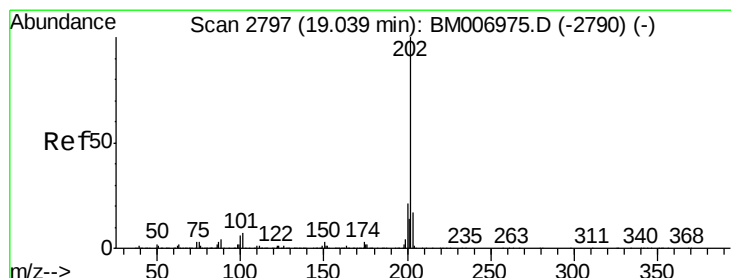
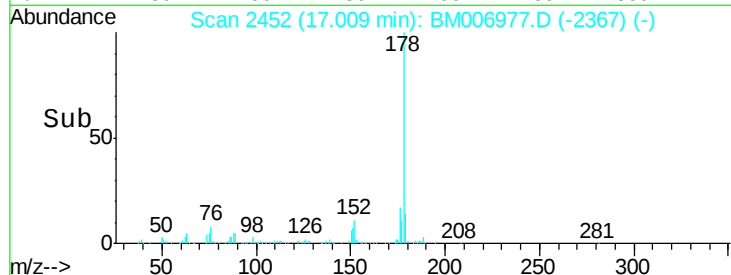
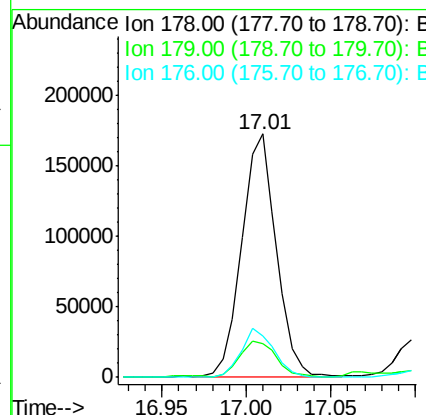
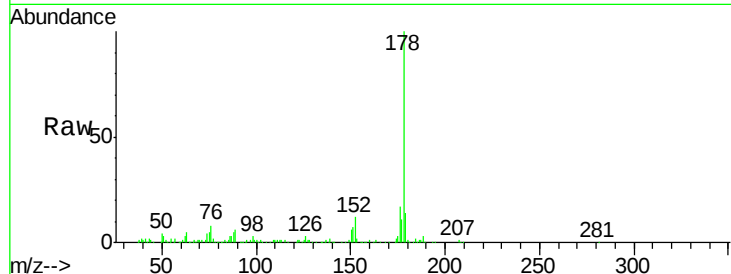
#25
Phenanthrene
Concen: 2.21 ng/ul
RT: 17.01 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BM006977.D
Acq: 08 Aug 2016 04:37

Instrument :
BNA_M
ClientSampleId :
DA0F1

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	246502		
179	13.7		12.0	18.0
176	17.2		15.0	22.4

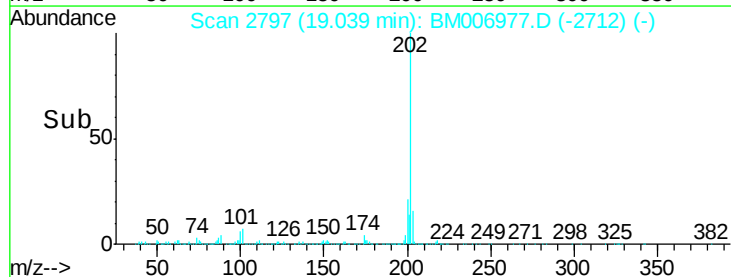
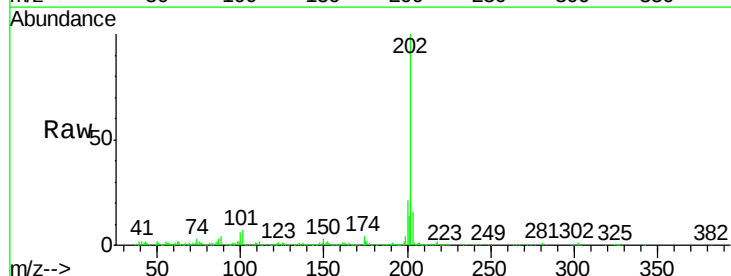
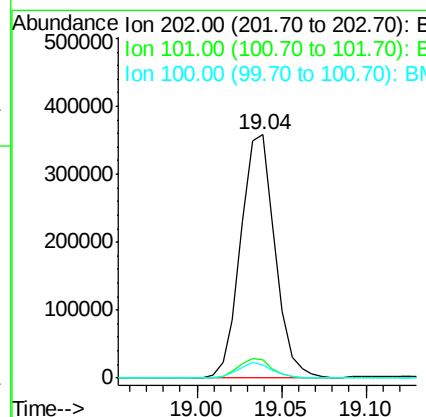
Manual Integrations
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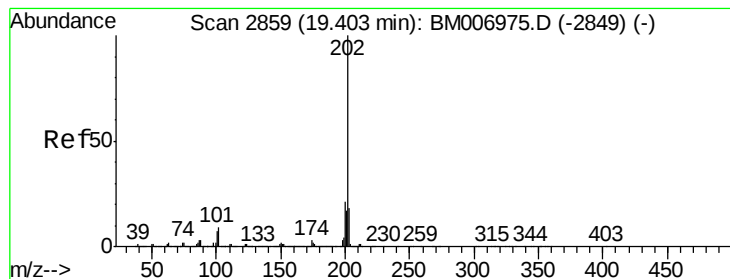
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#28
Fluoranthene
Concen: 3.74 ng/ul
RT: 19.04 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BM006977.D
Acq: 08 Aug 2016 04:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	507598		
101	7.4		5.6	8.4
100	5.7		4.2	6.4





#31

Pyrene

Concen: 3.57 ng/ul m

RT: 19.40 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BM006977.D

Acq: 08 Aug 2016 04:37

Instrument :

BNA_M

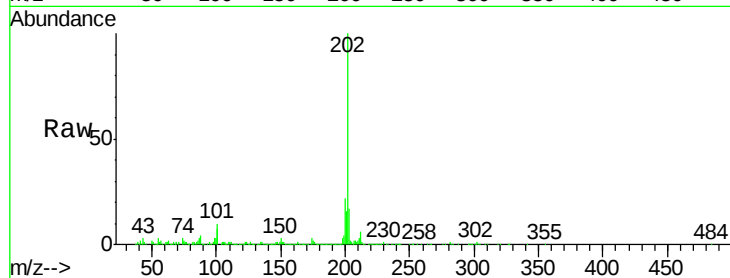
ClientSampleId :

DA0F1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	461469		
101	9.7	6.4	9.6#	
100	7.0	5.4	8.2	

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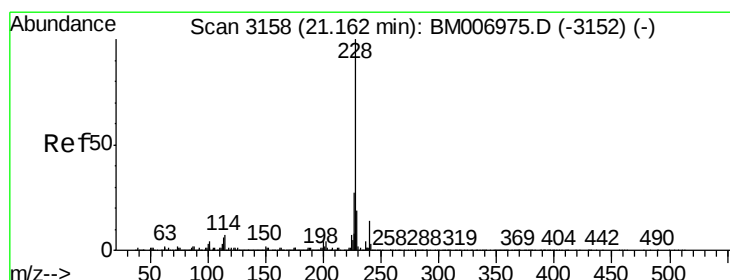
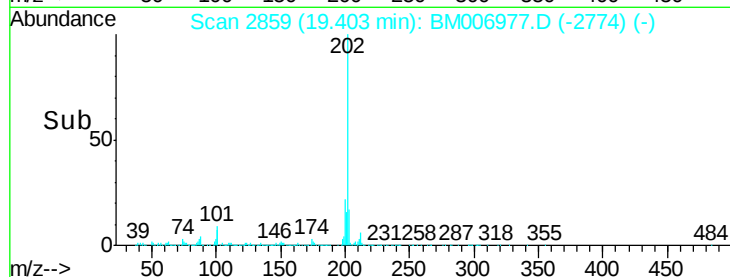
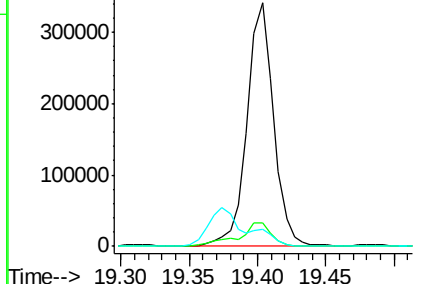
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#32

Benzo(a)anthracene

Concen: 2.19 ng/ul

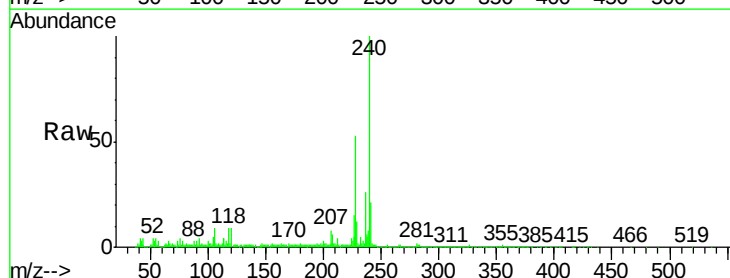
RT: 21.16 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BM006977.D

Acq: 08 Aug 2016 04:37

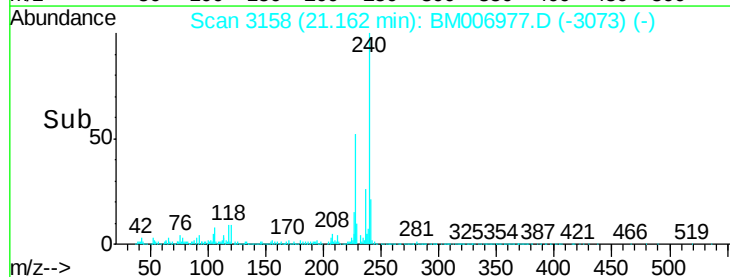
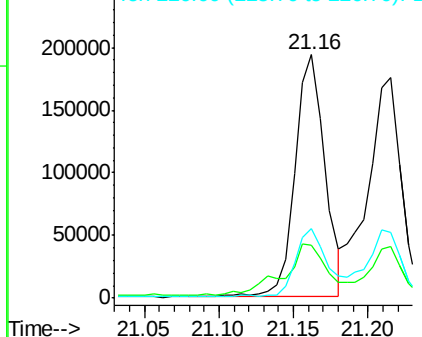
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	269670		
229	22.0	15.2	22.8	
226	28.8	21.3	31.9	

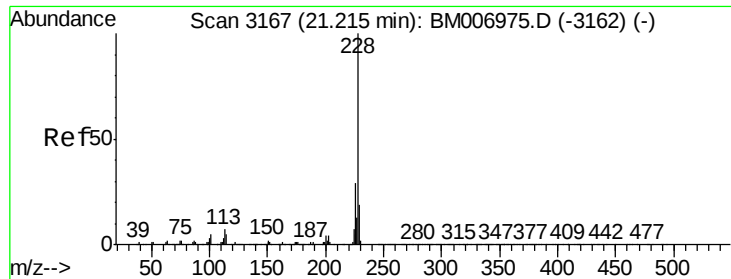


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





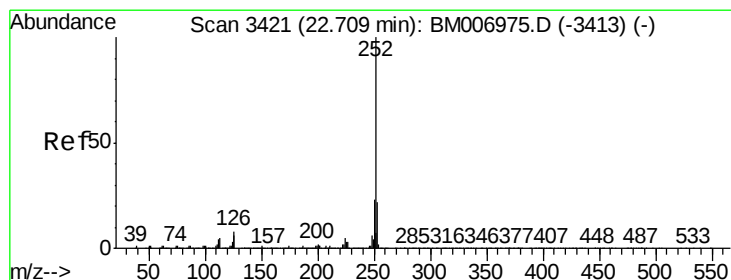
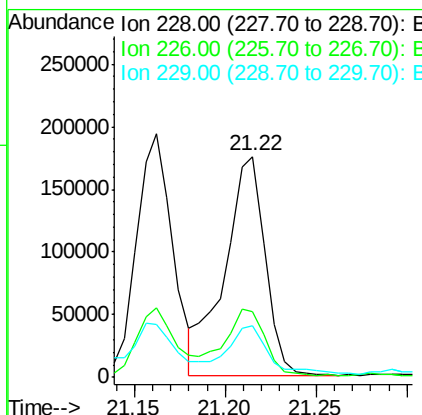
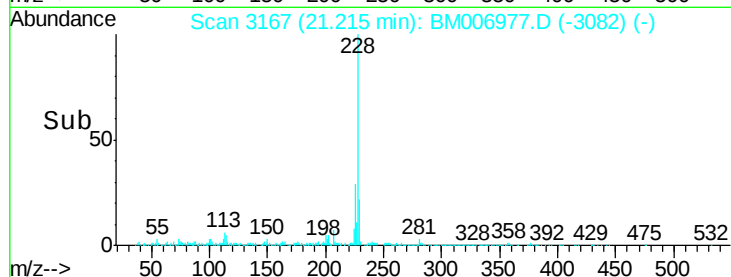
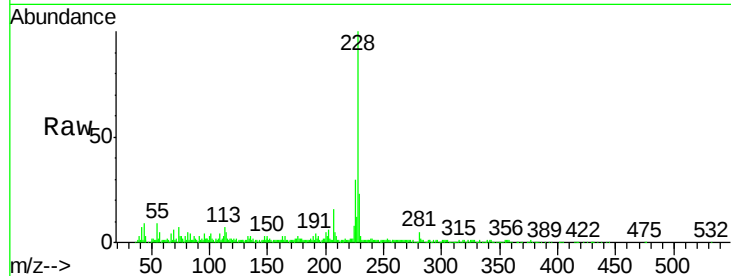
#33
Chrysene
 Concen: 2.51 ng/ul m
 RT: 21.22 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BM006977.D
 Acq: 08 Aug 2016 04:37

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Tgt Ion:	228	Resp:	272334
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.8	35.6
229	23.1	15.1	22.7#

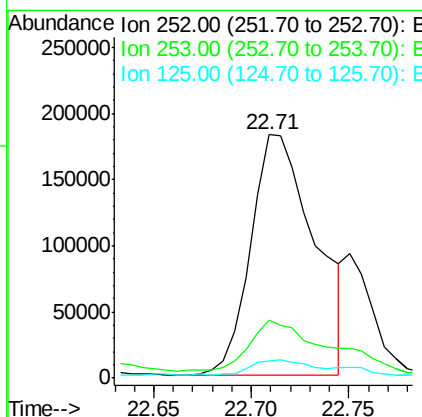
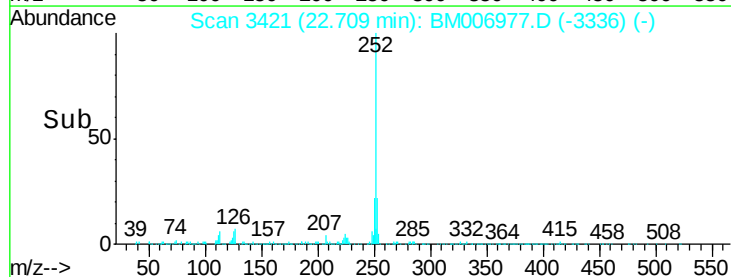
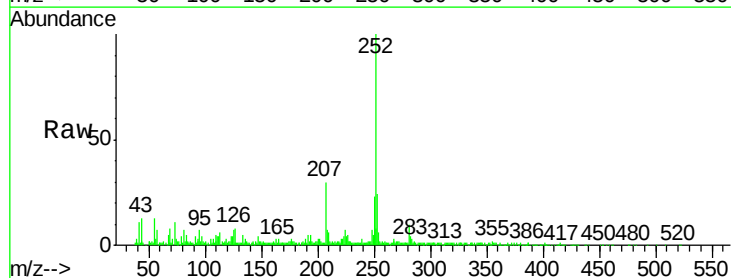
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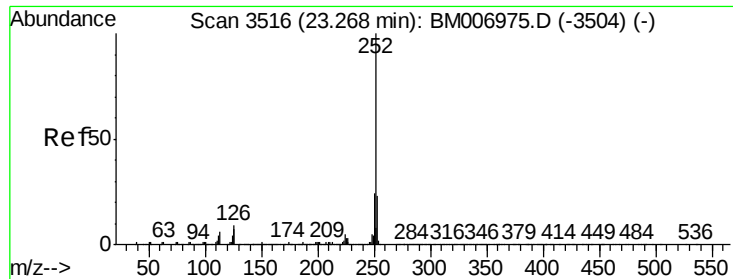
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#35
Benzo(b)fluoranthene
 Concen: 3.47 ng/ul
 RT: 22.71 min Scan# 3421
 Delta R.T. -0.00 min
 Lab File: BM006977.D
 Acq: 08 Aug 2016 04:37

Tgt Ion:	252	Resp:	411967
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	7.0	5.1	7.7





#38

Benzo(a)pyrene

Concen: 2.46 ng/ul

RT: 23.27 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BM006977.D

Acq: 08 Aug 2016 04:37

Instrument :

BNA_M

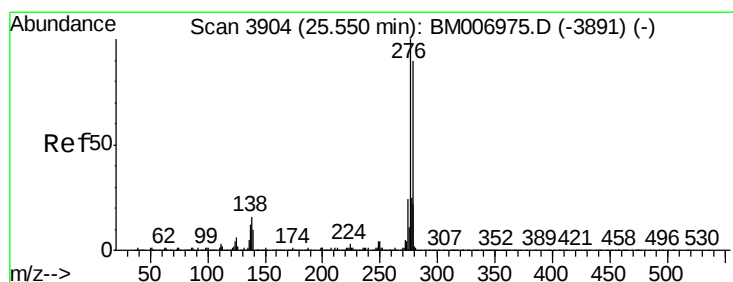
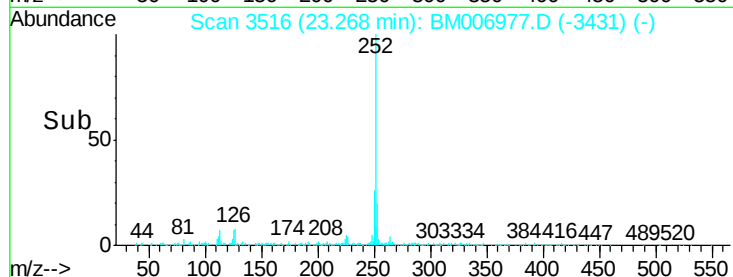
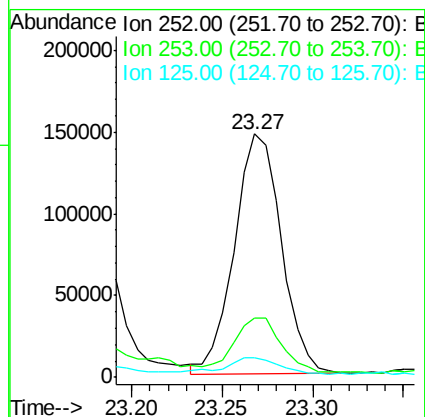
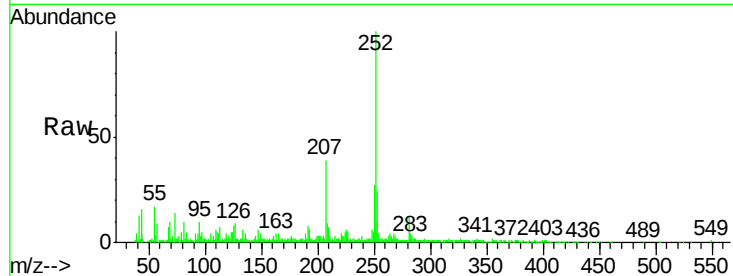
ClientSampleId :

DA0F1

Tgt Ion:	252	Resp:	264796
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.2	27.2
125	8.3	5.6	8.4

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#39

Indeno(1,2,3-cd)pyrene

Concen: 2.04 ng/ul

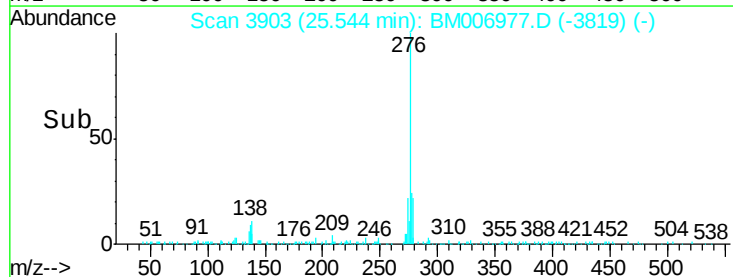
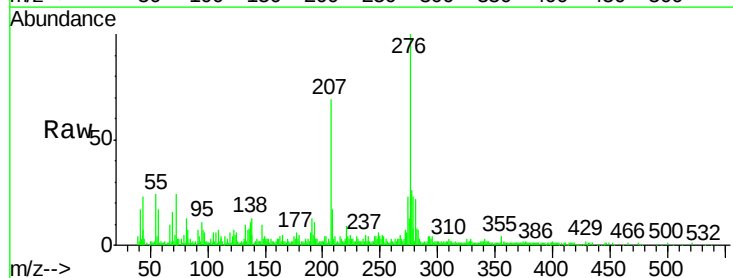
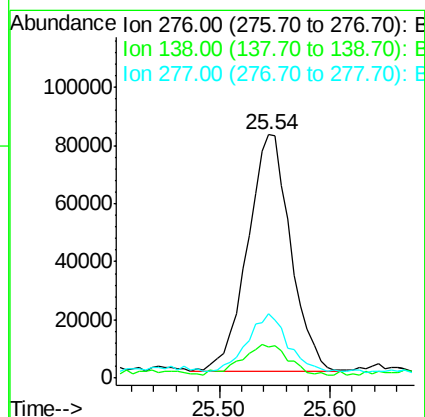
RT: 25.54 min Scan# 3903

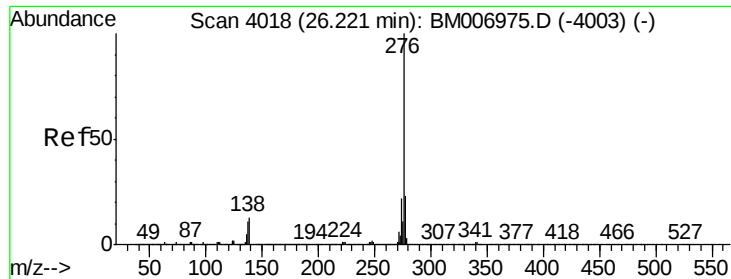
Delta R.T. -0.01 min

Lab File: BM006977.D

Acq: 08 Aug 2016 04:37

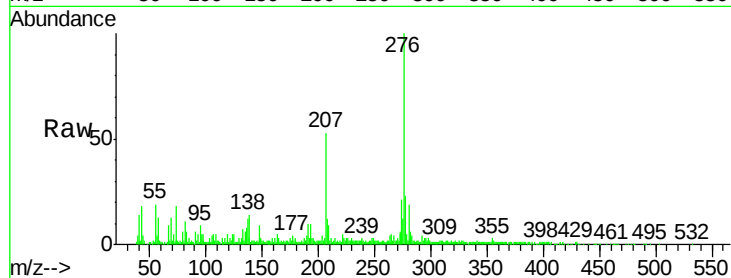
Tgt Ion:	276	Resp:	222865
Ion Ratio	Lower	Upper	
276	100		
138	12.6	12.6	19.0#
277	26.2	20.3	30.5





#41
 Benzo(g,h,i)perylene
 Concen: 3.76 ng/ul
 RT: 26.22 min Scan# 4018
 Delta R.T. -0.00 min
 Lab File: BM006977.D
 Acq: 08 Aug 2016 04:37

Instrument :
 BNA_M
 ClientSampleId :
 DA0F1



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.7	10.9	16.3
277	22.8	18.6	27.8

Manual Integrations
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