

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
 Data File : BM006950.D
 Acq On : 06 Aug 2016 22:33
 Operator : UM/SJ
 Sample : H4301-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0F8

Manual Integrations
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Quant Time: Aug 08 04:11:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 03:51:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	172281	20.00	ng/ul	0.00
7) Naphthalene-d8	10.33	136	817304	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	547008	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1335727	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1489297	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1146692	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	8970	2.38	ng/uL	0.00
3) Phenol-d5	6.77	99	385760	23.62	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	290217	28.33	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	318371	27.30	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	275099	20.18	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	179468	29.56	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	207427	28.53	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	360516	26.16	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	463459	28.17	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1529739	31.78	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1755981	31.54	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	140666	20.15	ng/ul	0.01
21) Fluorene-d10	15.21	176	1298528	31.74	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	144377	26.18	ng/ul	0.00
26) Anthracene-d10	17.06	188	2048765	31.75	ng/ul	0.00
30) Pyrene-d10	19.37	212	2497096	35.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1851229	33.90	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.01	178	122490	1.64	ng/ul	98
28) Fluoranthene	19.04	202	206026	2.27	ng/ul	99
31) Pyrene	19.40	202	180260m	1.95	ng/ul	
32) Benzo(a)anthracene	21.16	228	112729	1.28	ng/ul	95
33) Chrysene	21.21	228	91970	1.18	ng/ul	95
35) Benzo(b)fluoranthene	22.71	252	125634	1.68	ng/ul#	96
38) Benzo(a)pyrene	23.26	252	81386	1.20	ng/ul	99

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

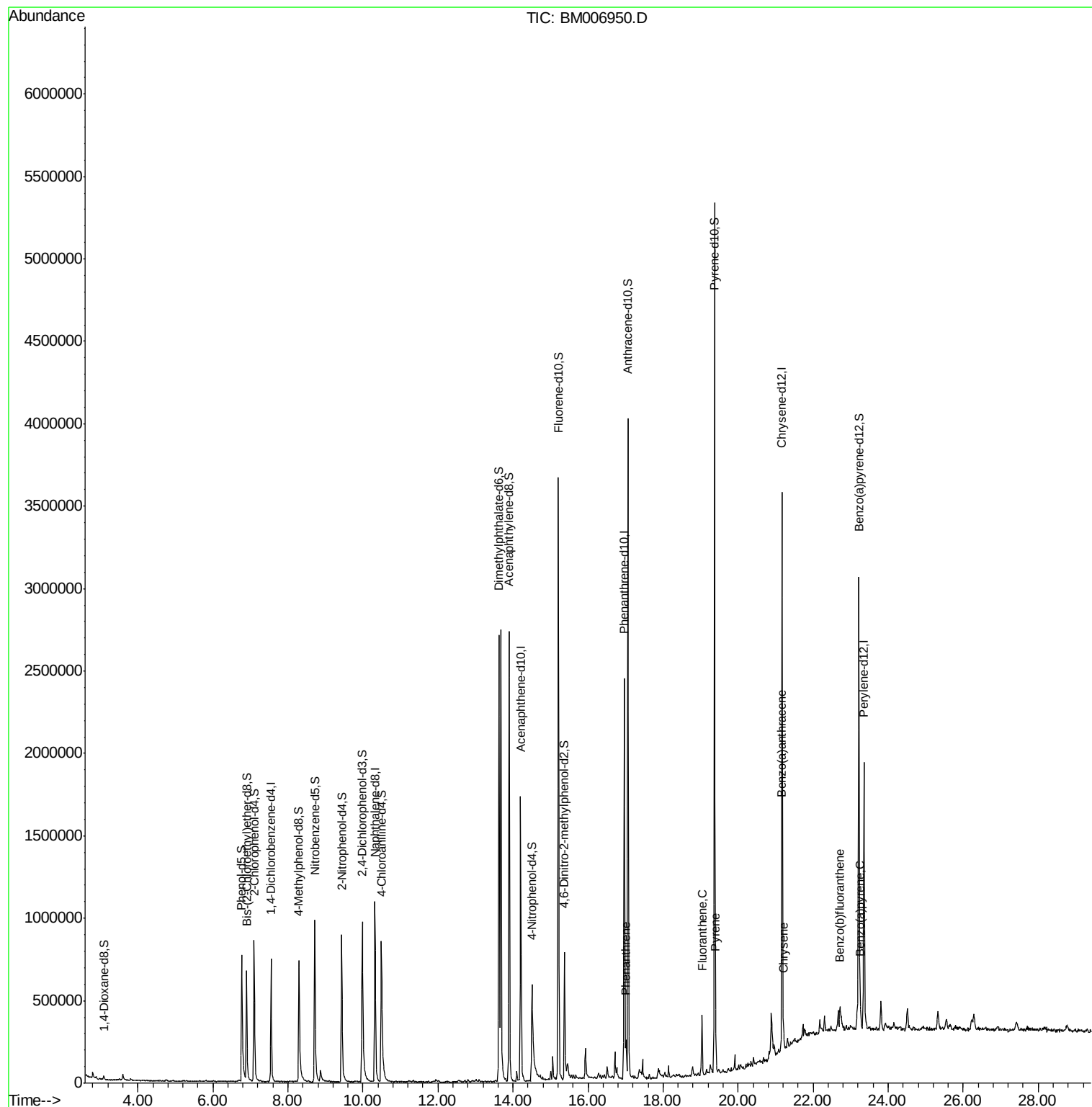
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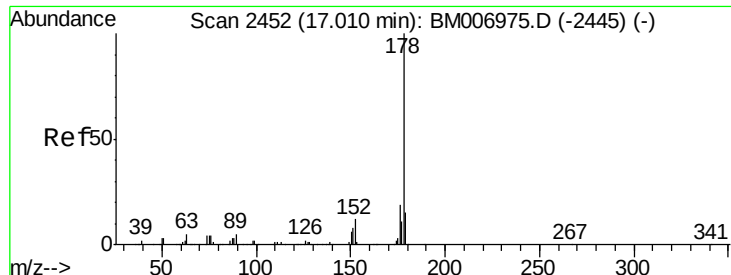
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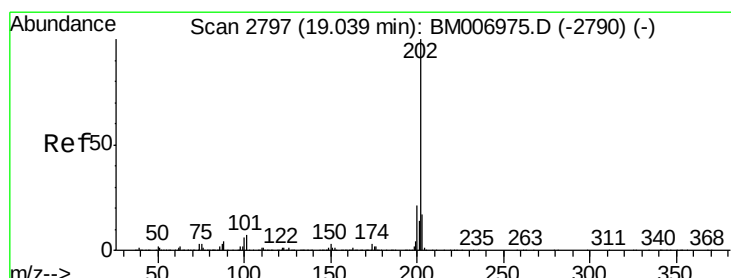
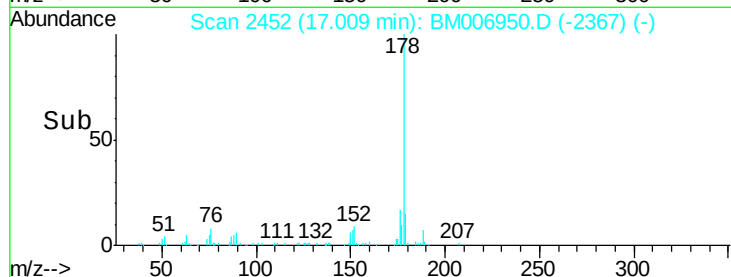
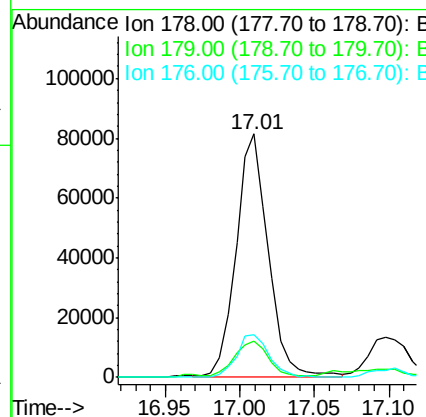
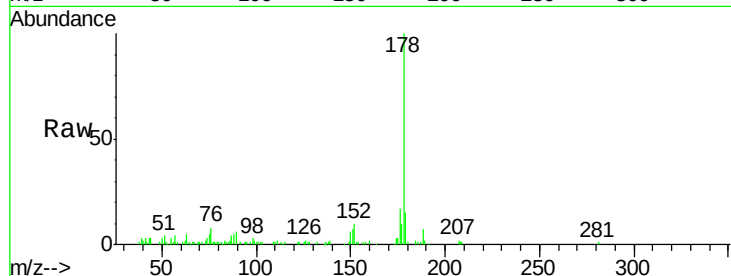
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Phenanthrene
Concen: 1.64 ng/ul
RT: 17.01 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BM006950.D
Acq: 06 Aug 2016 22:33

Instrument :
BNA_M
ClientSampled :
DA0F8

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	122490		
179	14.9	12.0	18.0	
176	17.5	15.0	22.4	

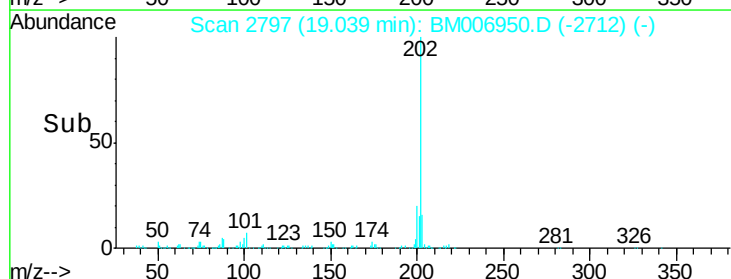
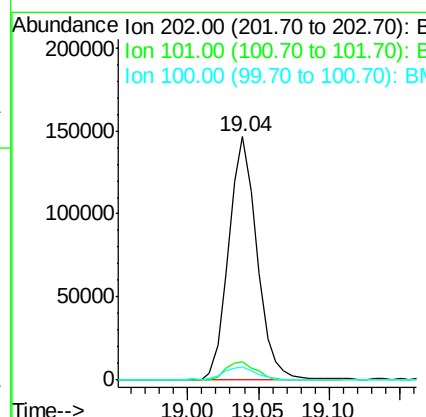
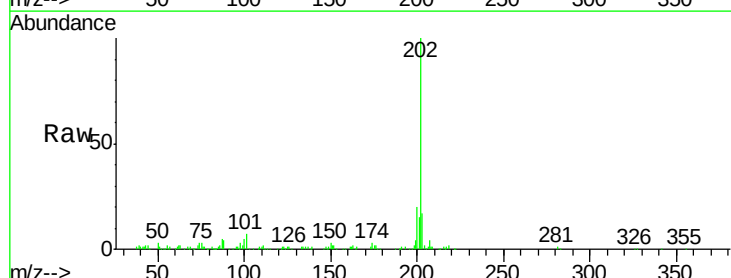
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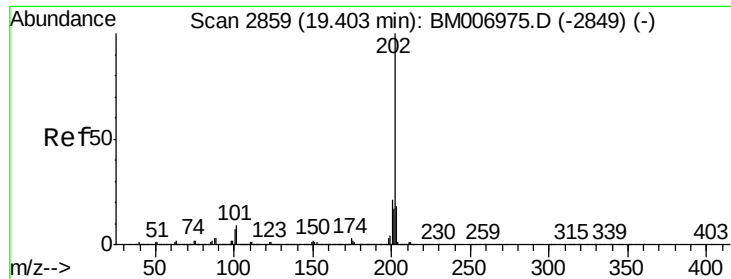
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#28
Fluoranthene
Concen: 2.27 ng/ul
RT: 19.04 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BM006950.D
Acq: 06 Aug 2016 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	206026		
101	7.4	5.6	8.4	
100	5.5	4.2	6.4	





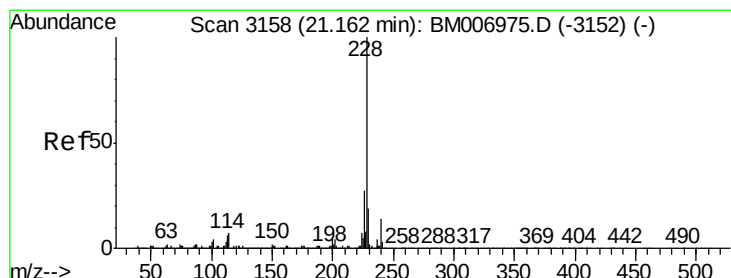
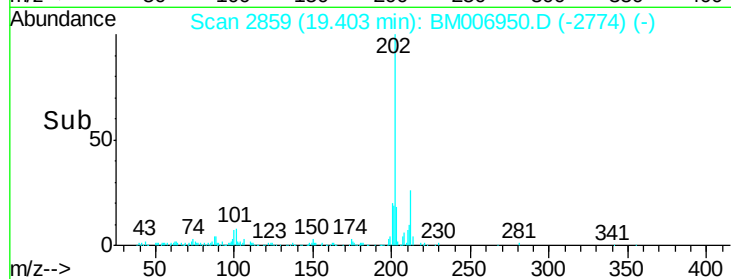
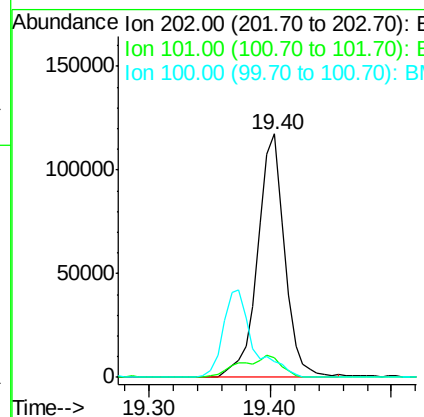
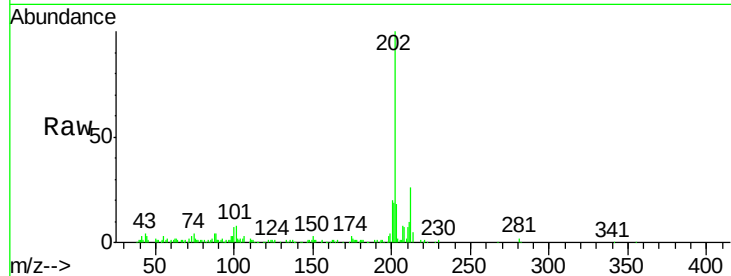
#31
 Pyrene
 Concen: 1.95 ng/ul m
 RT: 19.40 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: BM006950.D
 Acq: 06 Aug 2016 22:33

Instrument :
 BNA_M
 ClientSampleId :
 DA0F8

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.3	6.4	9.6
100	6.6	5.4	8.2

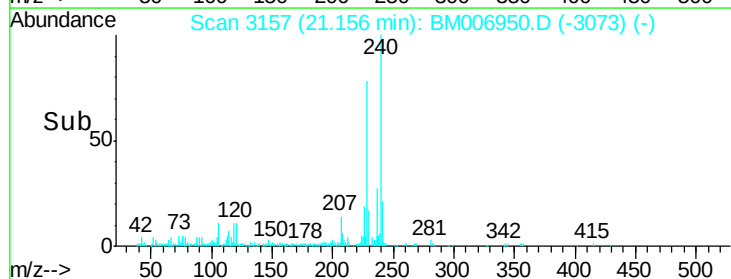
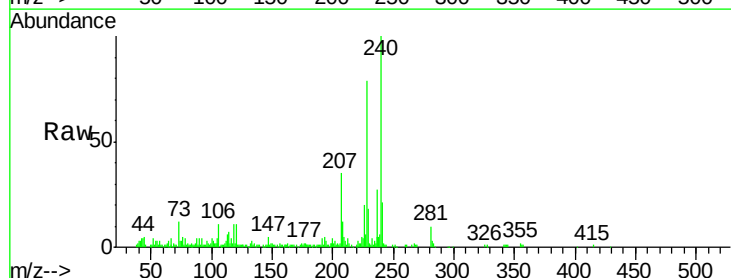
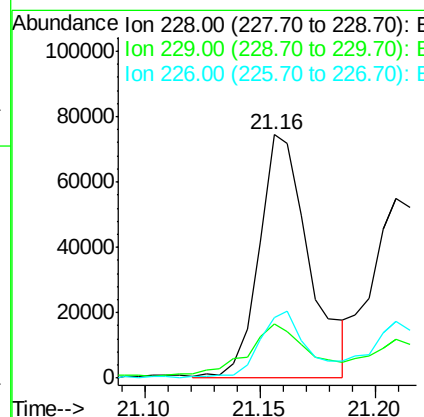
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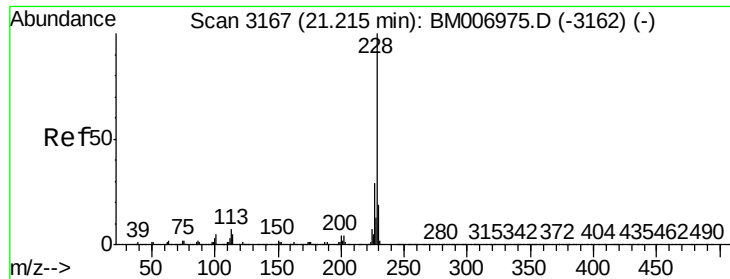
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#32
 Benzo(a)anthracene
 Concen: 1.28 ng/ul
 RT: 21.16 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BM006950.D
 Acq: 06 Aug 2016 22:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.5	15.2	22.8
226	24.9	21.3	31.9





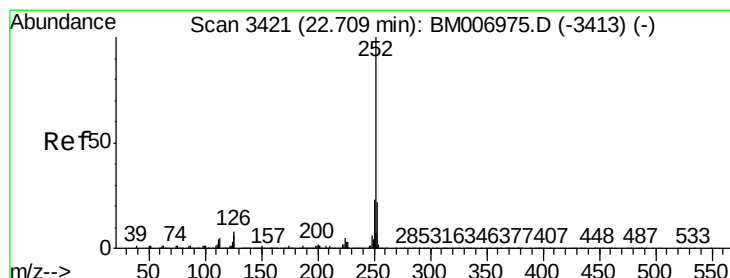
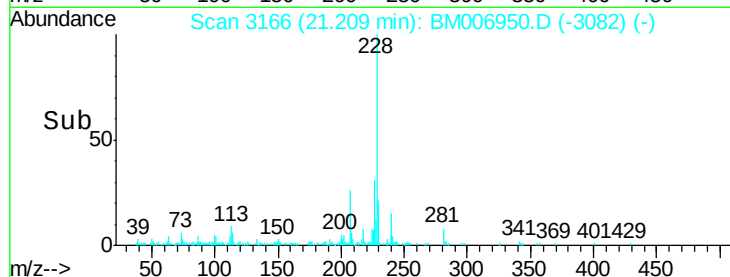
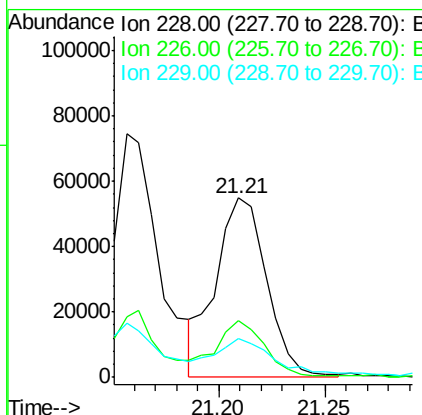
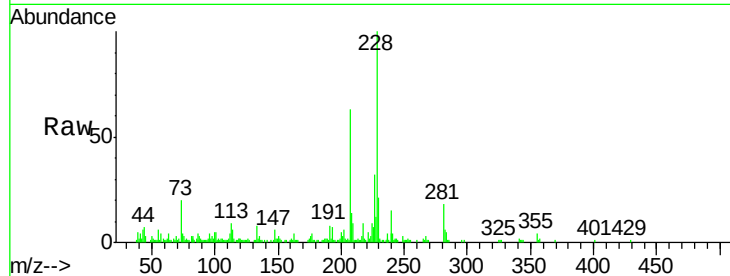
#33
Chrysene
Concen: 1.18 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BM006950.D
Acq: 06 Aug 2016 22:33

Instrument :
BNA_M
ClientSampled :
DA0F8

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.8	35.6
229	21.4	15.1	22.7

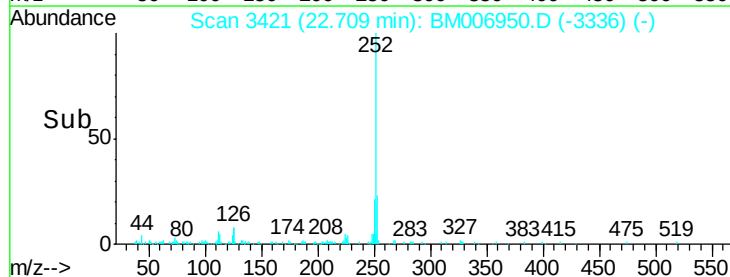
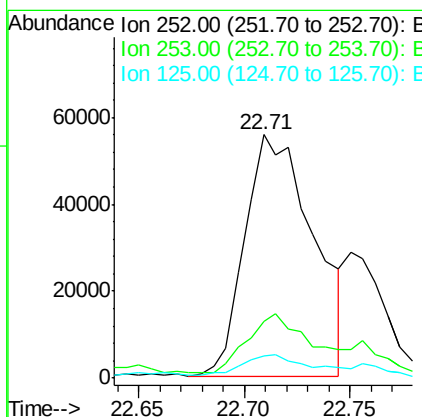
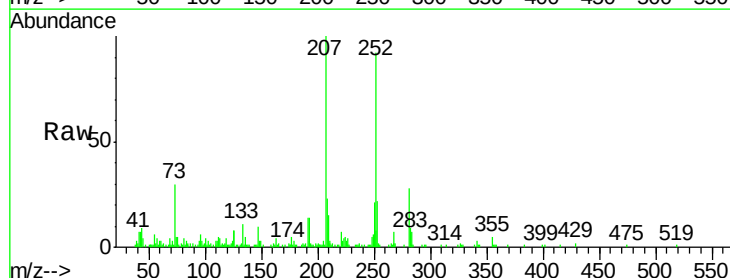
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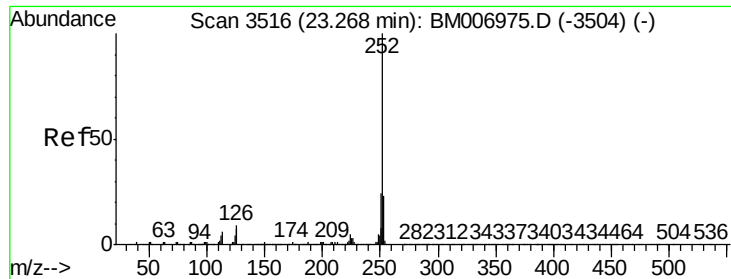
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#35
Benzo(b)fluoranthene
Concen: 1.68 ng/ul
RT: 22.71 min Scan# 3421
Delta R.T. 0.00 min
Lab File: BM006950.D
Acq: 06 Aug 2016 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.0	5.1	7.7#





#38

Benzo(a)pyrene

Concen: 1.20 ng/ul

RT: 23.26 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM006950.D

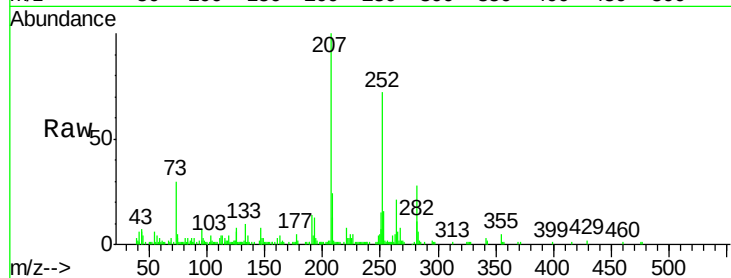
Acq: 06 Aug 2016 22:33

Instrument :

BNA_M

ClientSampleId :

DA0F8



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	7.8	5.6	8.4

Manual Integrations
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