

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
 Data File : BM006967.D
 Acq On : 07 Aug 2016 09:18
 Operator : UM/SJ
 Sample : H4301-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0F5

Manual Integrations
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Quant Time: Aug 08 04:57:47 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	214246	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1035140	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	670062	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1550293	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1296659	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1056617	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	6930	1.48	ng/uL	0.00
3) Phenol-d5	6.77	99	298090	14.67	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	229463	18.01	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	249190	17.18	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	229388	13.53	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	137631	17.90	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	158633	17.23	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	286044	16.39	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	310947m	14.92	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1065080	18.06	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1287126	18.87	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	91195	10.66	ng/ul	0.03
21) Fluorene-d10	15.20	176	926842	18.49	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	116595	18.21	ng/ul	0.00
26) Anthracene-d10	17.06	188	1400267	18.70	ng/ul	0.00
30) Pyrene-d10	19.37	212	1477769	23.91	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	929117	18.46	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.00	178	260390	3.00	ng/ul	99
28) Fluoranthene	19.03	202	664692	6.30	ng/ul#	98
31) Pyrene	19.40	202	589640	7.32	ng/ul	97
32) Benzo(a)anthracene	21.16	228	314966	4.09	ng/ul	95
33) Chrysene	21.21	228	306466	4.53	ng/ul	95
35) Benzo(b)fluoranthene	22.71	252	425312	6.17	ng/ul	98
36) Benzo(k)fluoranthene	22.75	252	120559m	1.81	ng/ul	
38) Benzo(a)pyrene	23.26	252	270740	4.33	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.53	276	202564	3.19	ng/ul	92
40) Dibenzo(a,h)anthracene	25.52	278	60814m	1.14	ng/ul	
41) Benzo(g,h,i)perylene	26.20	276	190199	3.81	ng/ul	97

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

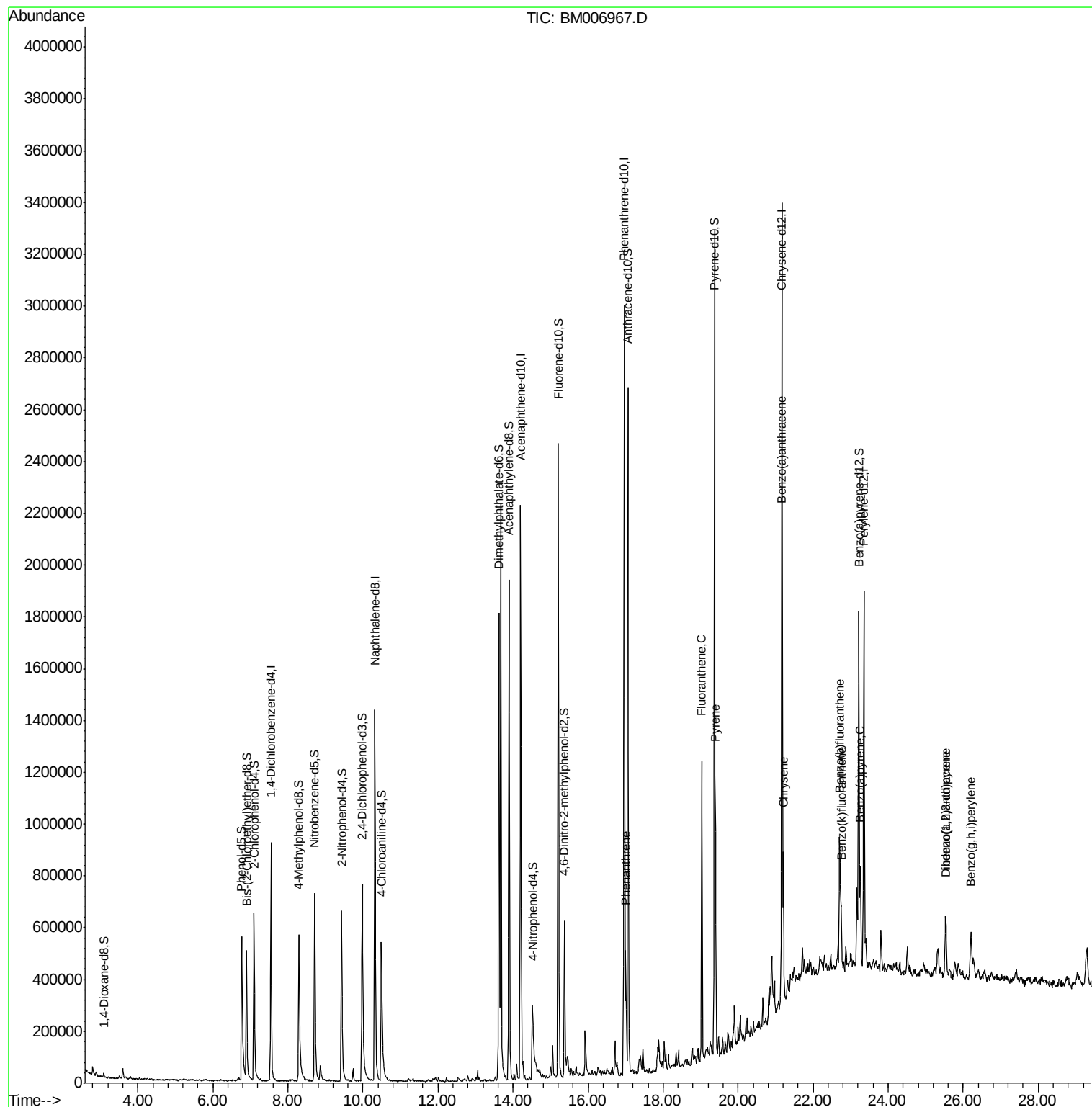
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006967.D
Acq On : 07 Aug 2016 09:18
Operator : UM/SJ
Sample : H4301-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

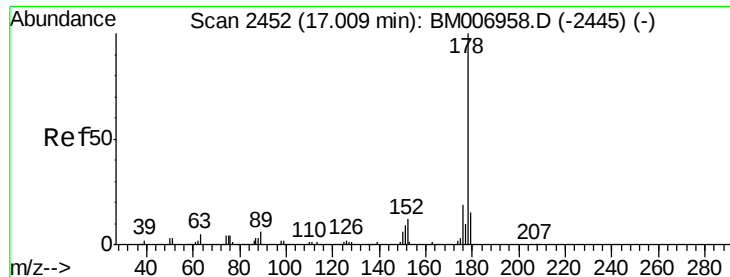
Instrument :
BNA_M
ClientSampled :
DA0F5

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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





#25

Phenanthrene

Concen: 3.00 ng/ul

RT: 17.00 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BM006967.D

Acq: 07 Aug 2016 09:18

Instrument :

BNA_M

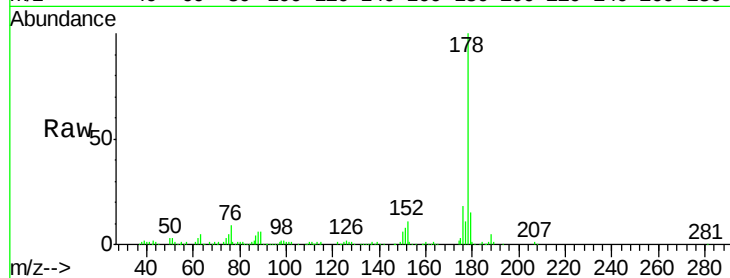
ClientSampleId :

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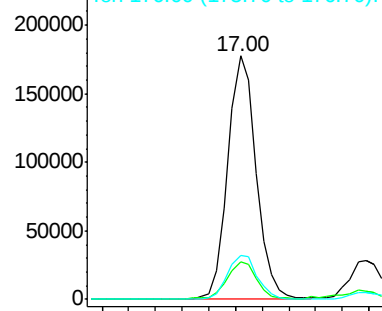
Tgt Ion:	178	Resp:	260390
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.0	18.0
176	17.9	15.0	22.4

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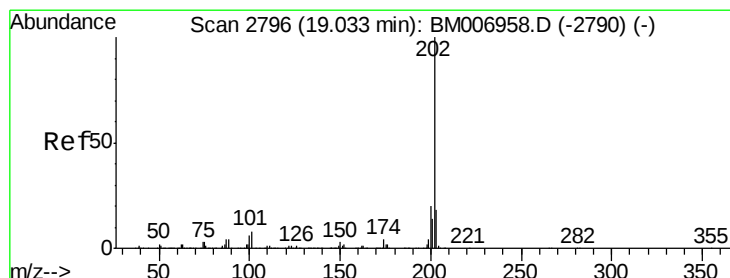
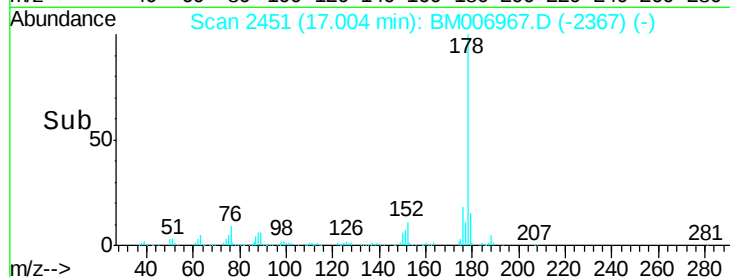
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 16.90 17.00



#28

Fluoranthene

Concen: 6.30 ng/ul

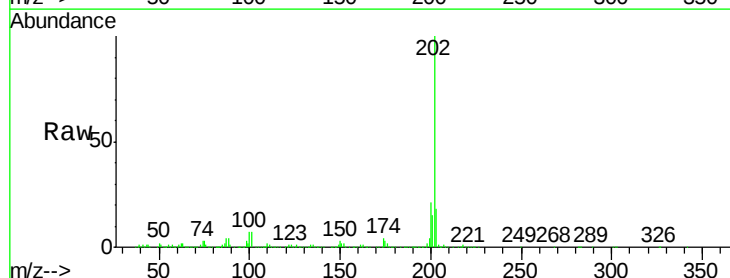
RT: 19.03 min Scan# 2796

Delta R.T. -0.01 min

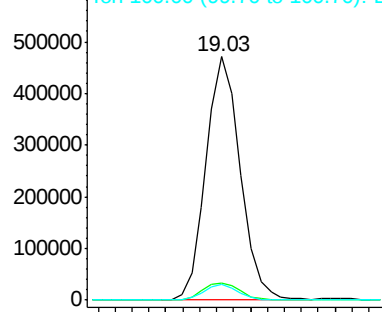
Lab File: BM006967.D

Acq: 07 Aug 2016 09:18

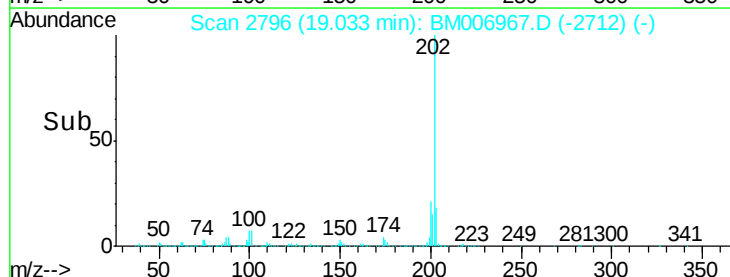
Tgt Ion:	202	Resp:	664692
Ion Ratio	Lower	Upper	
202	100		
101	7.2	5.6	8.4
100	6.6	4.2	6.4#

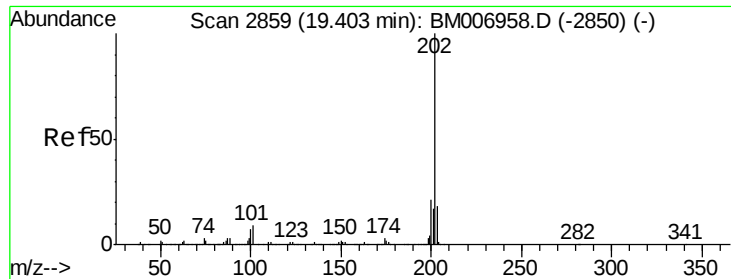


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.00 19.05 19.10





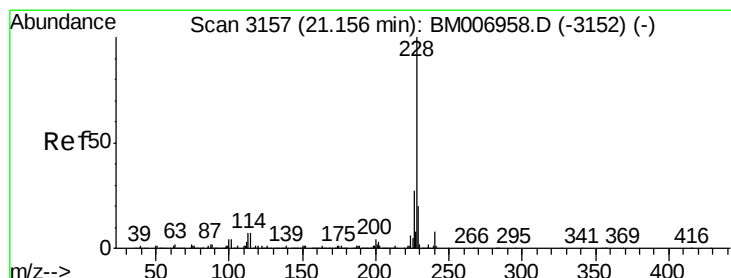
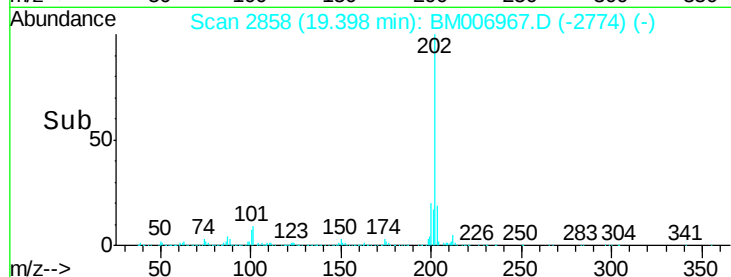
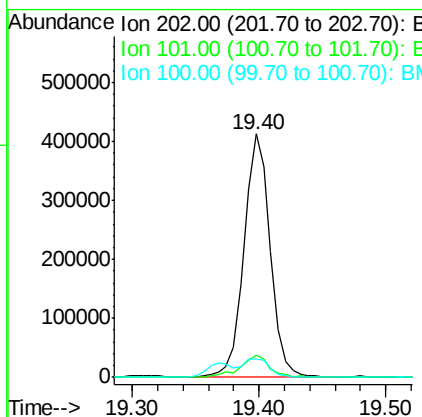
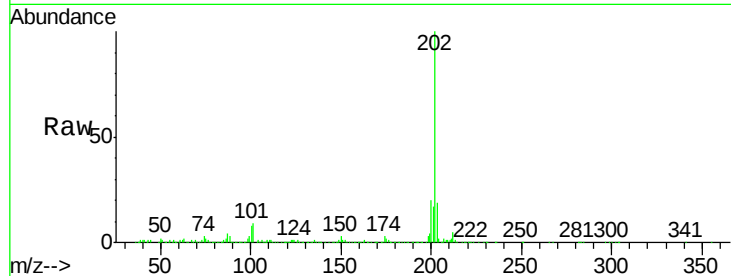
#31
 Pyrene
 Concen: 7.32 ng/ul
 RT: 19.40 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BM006967.D
 Acq: 07 Aug 2016 09:18

Instrument :
 BNA_M
 ClientSampled :
 DA0F5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	6.4	9.6
100	7.6	5.4	8.2

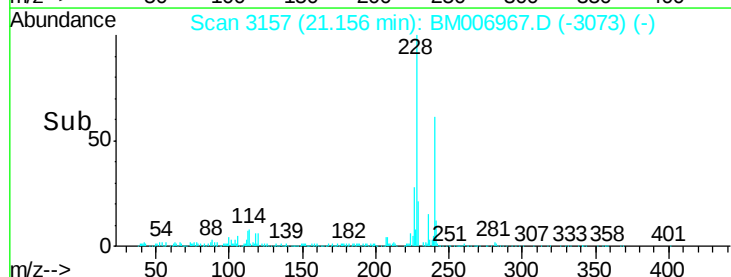
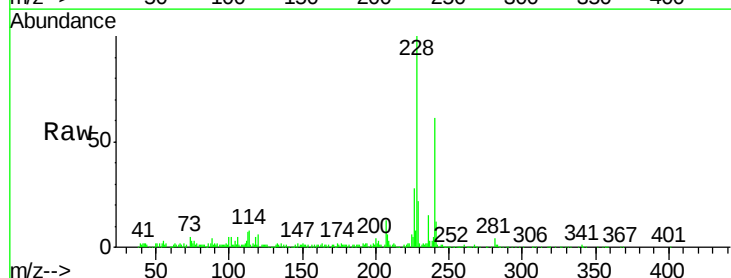
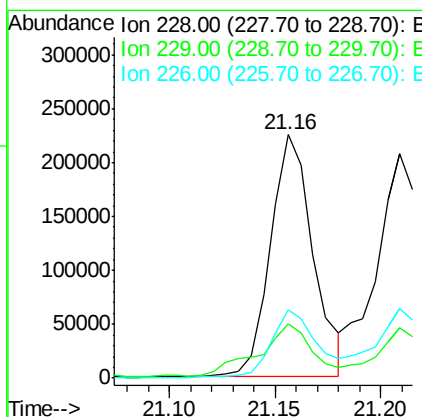
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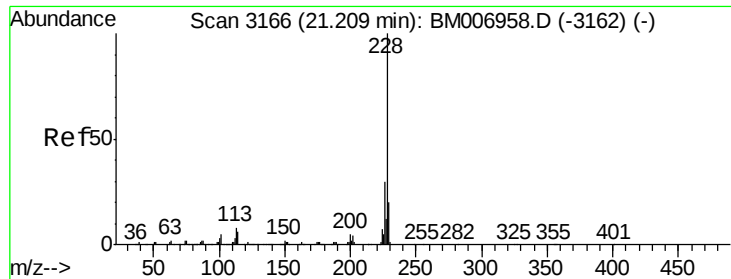
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#32
 Benzo(a)anthracene
 Concen: 4.09 ng/ul
 RT: 21.16 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BM006967.D
 Acq: 07 Aug 2016 09:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.2	15.2	22.8
226	28.1	21.3	31.9





#33

Chrysene

Concen: 4.53 ng/ul

RT: 21.21 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BM006967.D

Acq: 07 Aug 2016 09:18

Instrument :

BNA_M

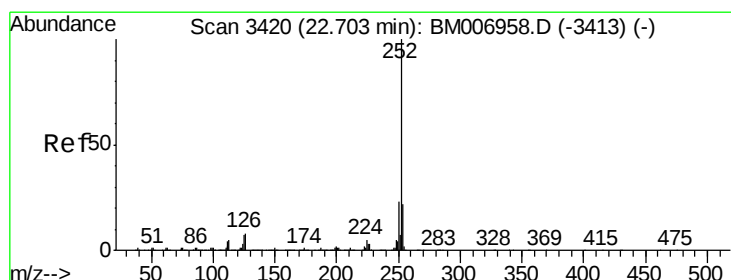
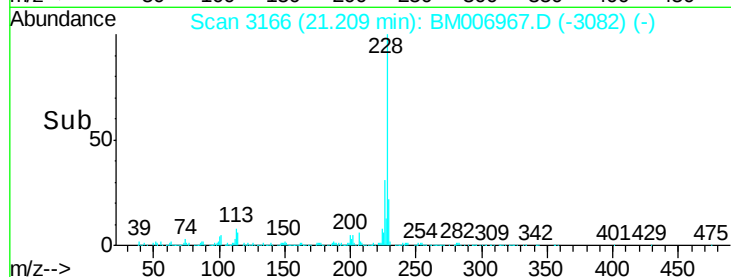
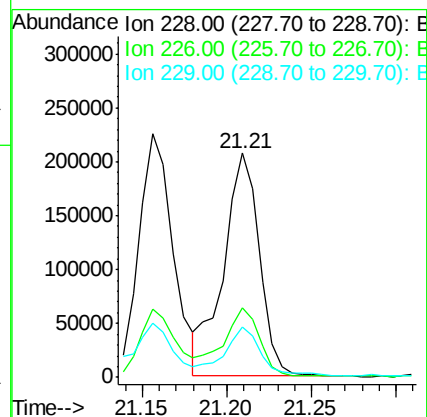
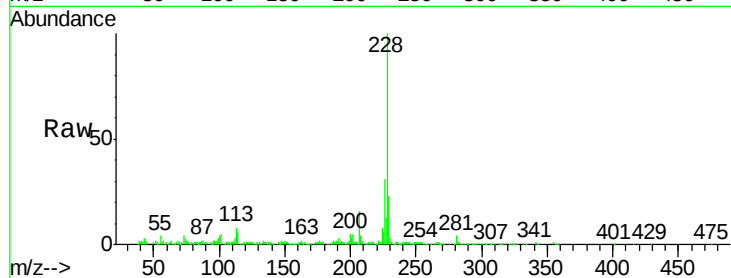
ClientSampleId :

DA0F5

Tgt Ion:	228	Resp:	306466
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.8	35.6
229	22.5	15.1	22.7

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#35

Benzo(b)fluoranthene

Concen: 6.17 ng/ul

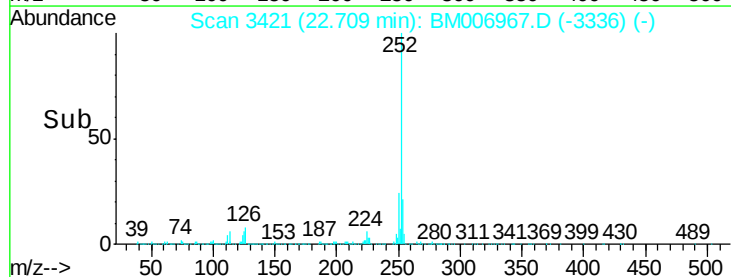
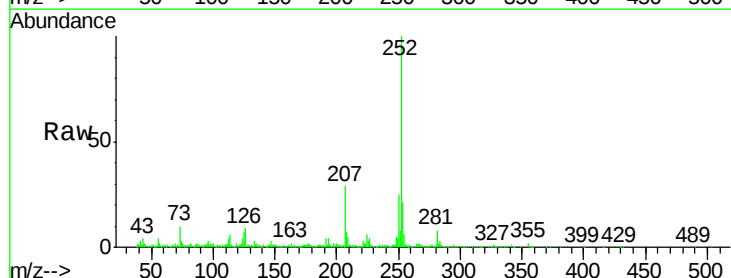
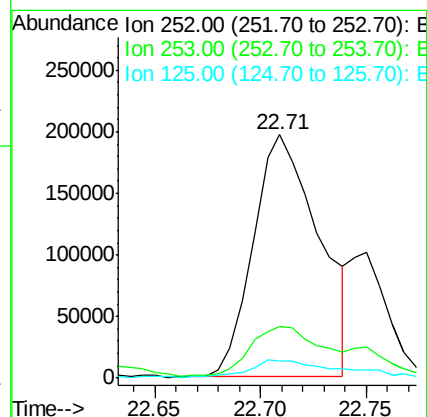
RT: 22.71 min Scan# 3421

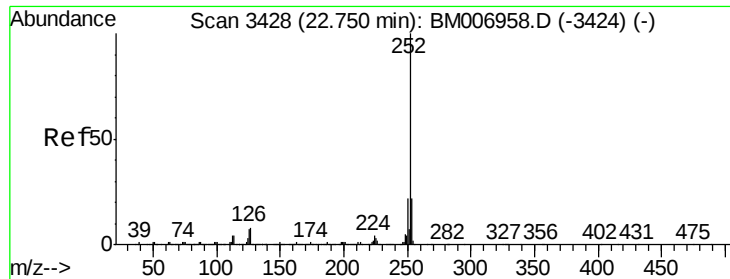
Delta R.T. 0.00 min

Lab File: BM006967.D

Acq: 07 Aug 2016 09:18

Tgt Ion:	252	Resp:	425312
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.6	26.4
125	7.0	5.1	7.7





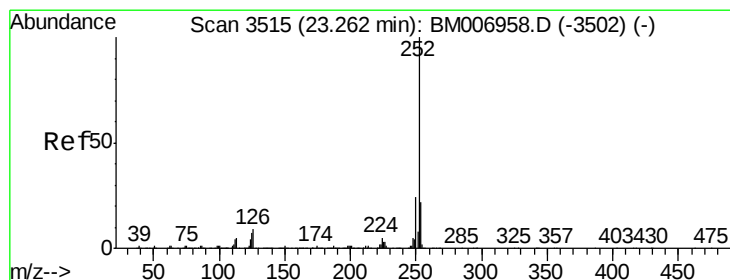
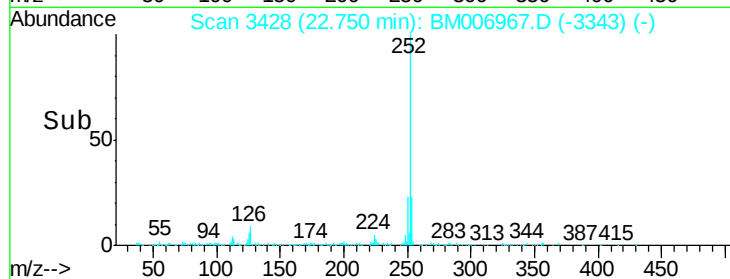
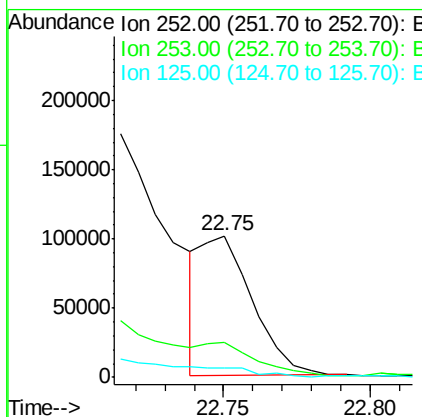
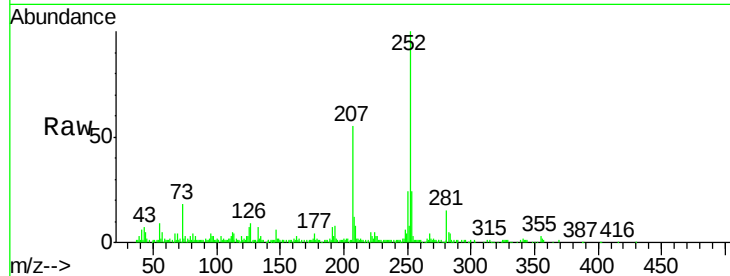
#36
Benzo(k)fluoranthene
Concen: 1.81 ng/ul m
RT: 22.75 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BM006967.D
Acq: 07 Aug 2016 09:18

Instrument :
BNA_M
ClientSampleId :
DA0F5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	6.7	5.1	7.7

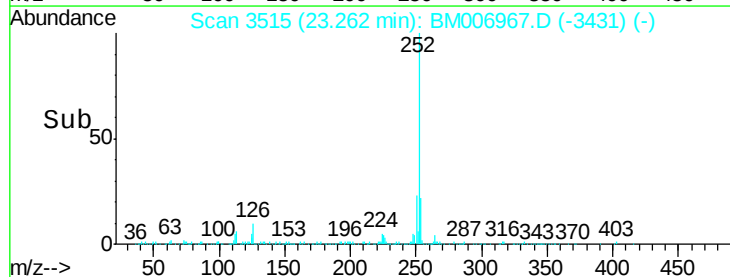
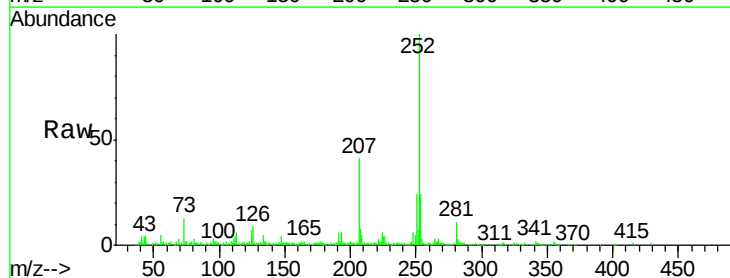
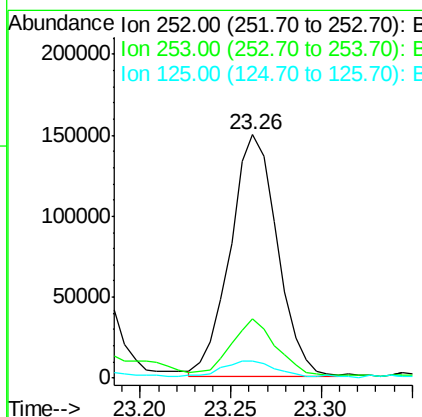
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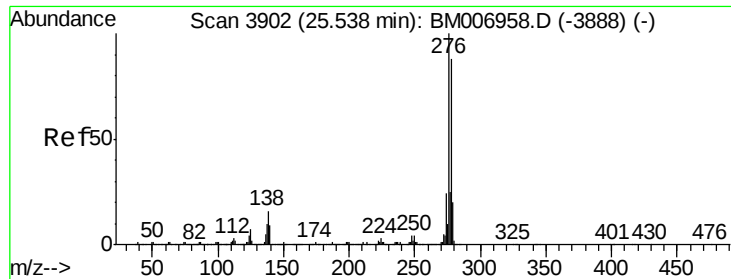
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#38
Benzo(a)pyrene
Concen: 4.33 ng/ul
RT: 23.26 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM006967.D
Acq: 07 Aug 2016 09:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	6.9	5.6	8.4





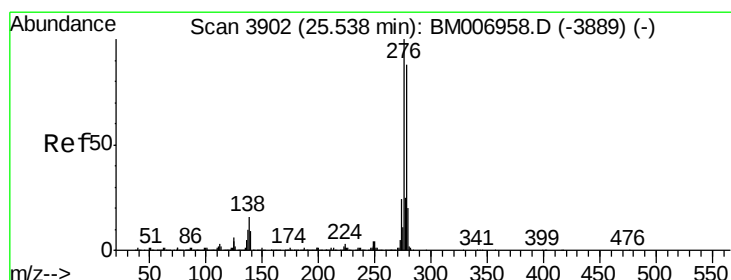
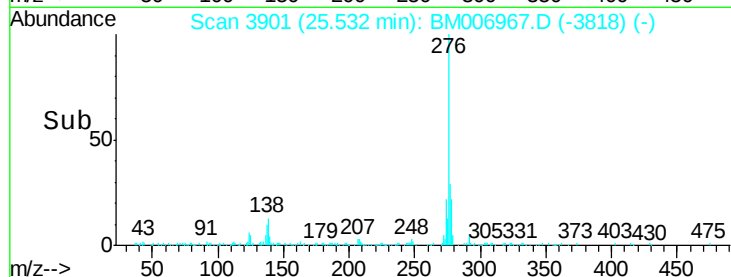
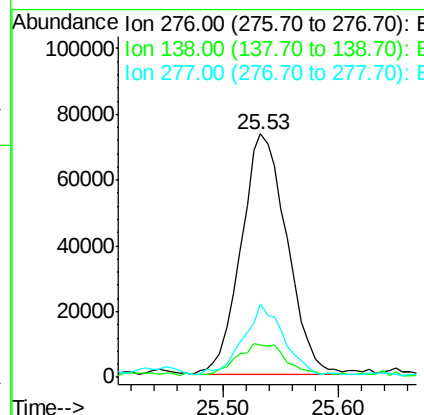
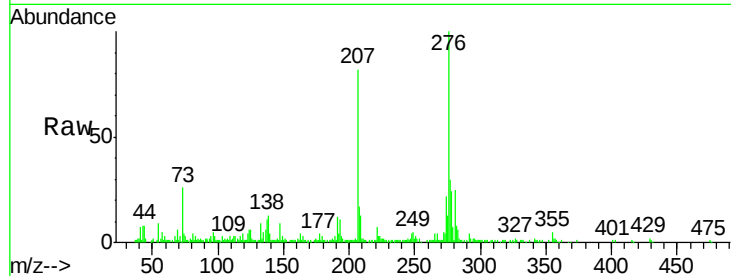
#39
Indeno(1,2,3-cd)pyrene
Concen: 3.19 ng/ul
RT: 25.53 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BM006967.D
Acq: 07 Aug 2016 09:18

Instrument :
BNA_M
ClientSampleId :
DA0F5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.2	12.6	19.0
277	30.4	20.3	30.5

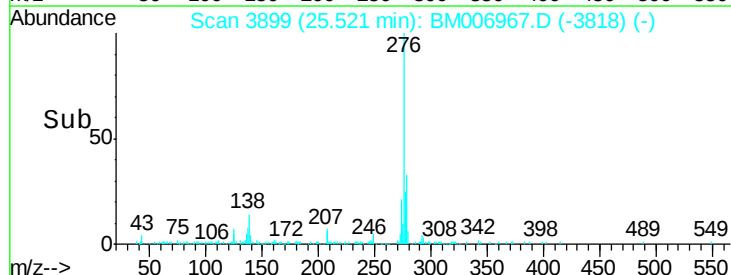
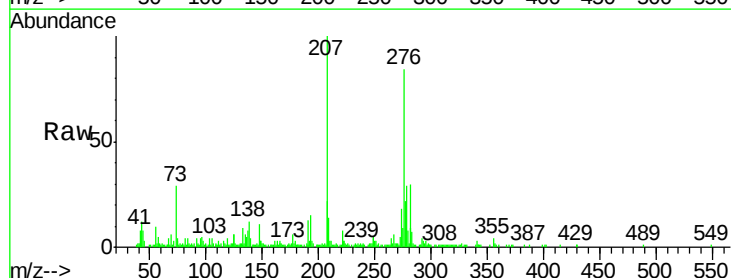
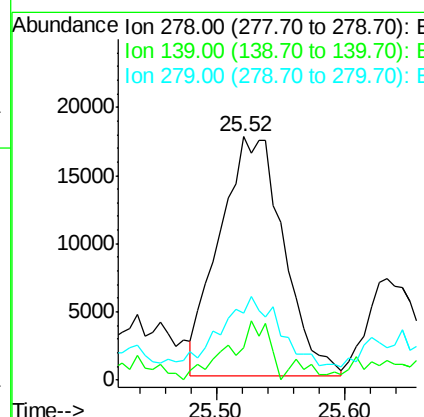
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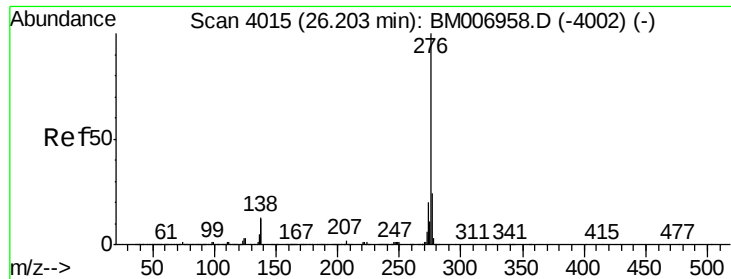
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#40
Dibenzo(a,h)anthracene
Concen: 1.14 ng/ul m
RT: 25.52 min Scan# 3899
Delta R.T. -0.02 min
Lab File: BM006967.D
Acq: 07 Aug 2016 09:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	7.5	11.3#
279	27.4	19.0	28.4





#41
 Benzo(g,h,i)perylene
 Concen: 3.81 ng/ul
 RT: 26.20 min Scan# 4015
 Delta R.T. -0.01 min
 Lab File: BM006967.D
 Acq: 07 Aug 2016 09:18

Instrument :
 BNA_M
 ClientSampleId :
 DA0F5

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.6	10.9	16.3
277	21.7	18.6	27.8

Manual Integrations
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