

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
 Data File : BM006078.D
 Acq On : 27 Jun 2016 20:09
 Operator : UM/SJ
 Sample : H3670-21DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 D9YA3DL

Manual Integrations
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Quant Time: Jun 28 03:51:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 28 02:11:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	221857	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1144698	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	740371	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1760539	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1719600	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1478543	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	1091	0.22	ng/uL	0.00
3) Phenol-d5	6.83	99	38646	1.66	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	25510	1.96	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	30126	1.85	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	26517	1.35	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	15502m	1.78	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	16049	1.66	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	33652	1.81	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	31910	1.58	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	122813	1.94	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	156795	2.13	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	11483	0.85	ng/ul	-0.01
21) Fluorene-d10	15.30	176	118011	2.18	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	2916	0.30	ng/ul	0.00
26) Anthracene-d10	17.16	188	183540	2.27	ng/ul	0.00
30) Pyrene-d10	19.46	212	204780	2.72	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	148755	2.23	ng/ul	0.00

Target Compounds

					Qvalue
25) Phenanthrene	17.10	178	1361331	14.38	ng/ul 100
27) Anthracene	17.19	178	284767	2.91	ng/ul 99
28) Fluoranthene	19.12	202	2342064	19.31	ng/ul 99
31) Pyrene	19.49	202	2043847	20.76	ng/ul 96
32) Benzo(a)anthracene	21.24	228	851227	8.33	ng/ul 97
33) Chrysene	21.29	228	816790	8.75	ng/ul 97
35) Benzo(b)fluoranthene	22.81	252	1025305	11.93	ng/ul 98
36) Benzo(k)fluoranthene	22.84	252	286959m	3.59	ng/ul
38) Benzo(a)pyrene	23.37	252	668958	8.12	ng/ul 98
39) Indeno(1,2,3-cd)pyrene	25.69	276	510792	5.20	ng/ul# 91
40) Dibenzo(a,h)anthracene	25.69	278	107420	1.32	ng/ul# 81
41) Benzo(g,h,i)perylene	26.37	276	526664	6.20	ng/ul 98

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

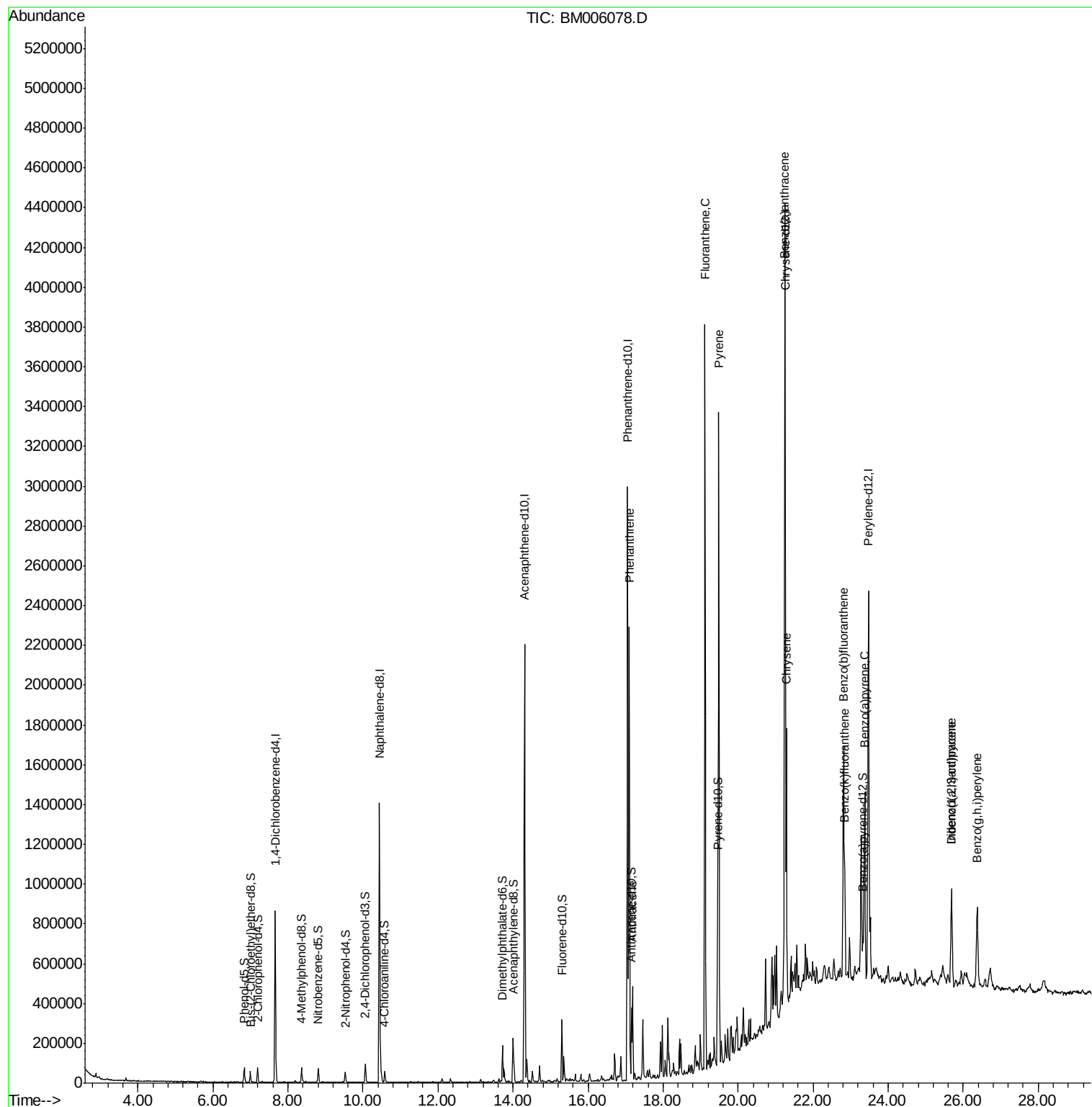
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006078.D
Acq On : 27 Jun 2016 20:09
Operator : UM/SJ
Sample : H3670-21DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

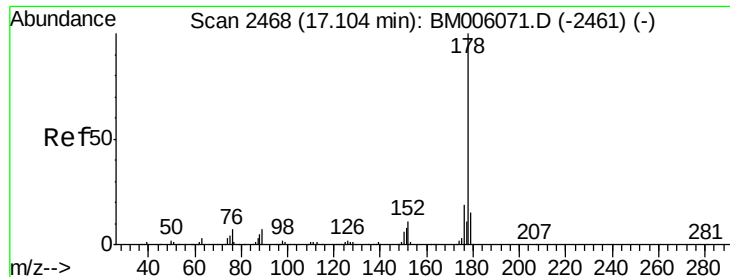
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 28 03:51:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





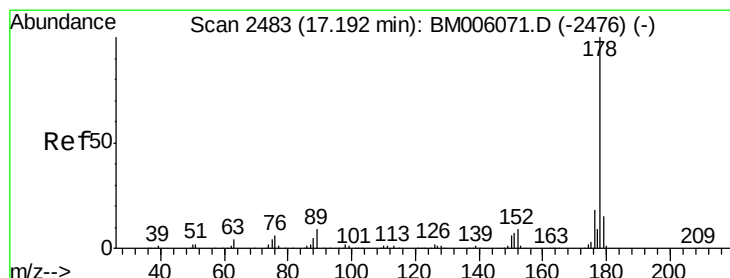
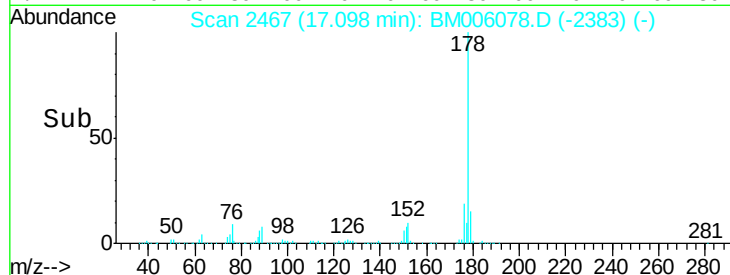
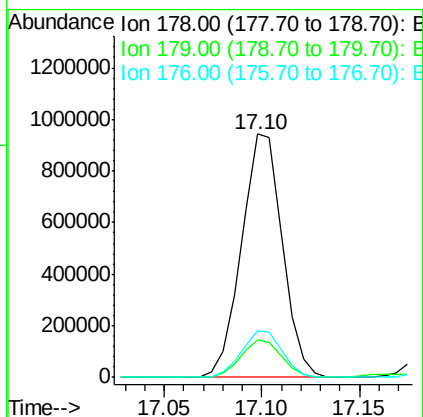
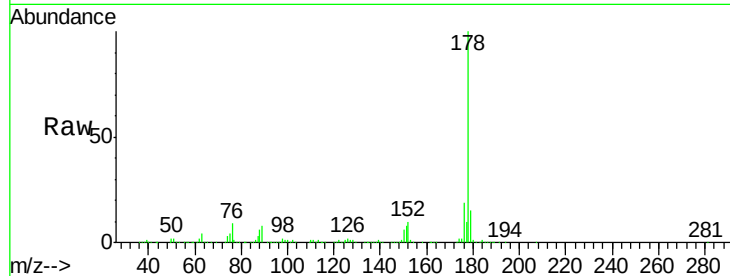
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Phenanthrene
Concen: 14.38 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
D9YA3DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.9	15.3	22.9

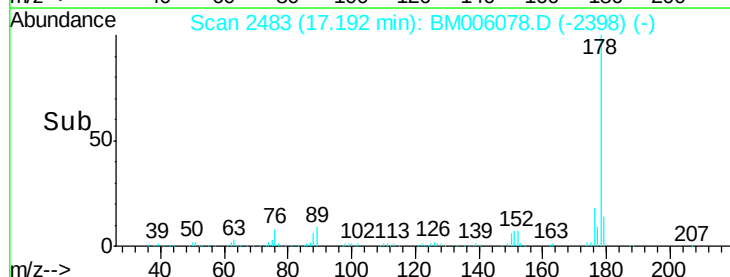
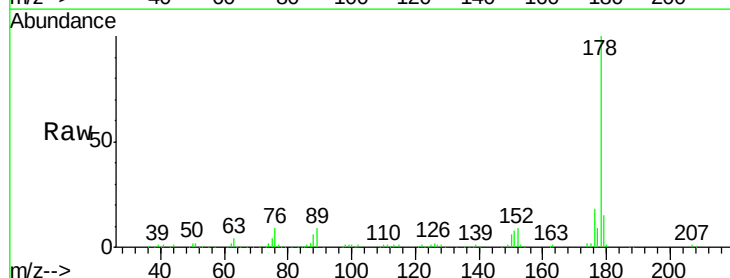
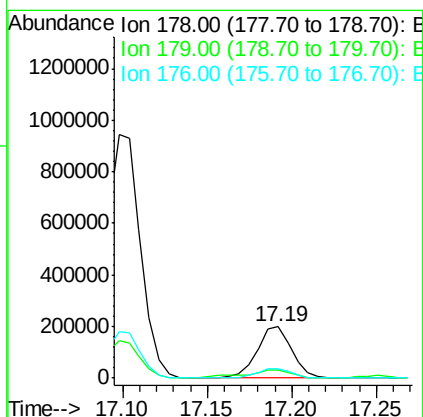
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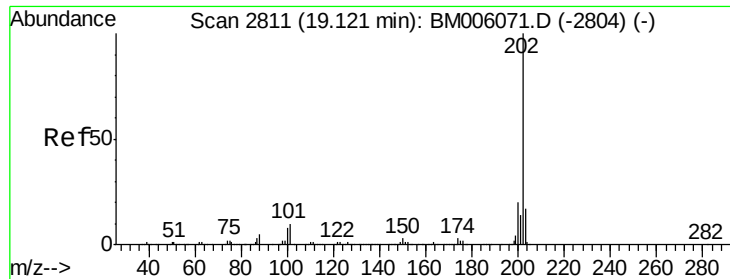
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#27
Anthracene
Concen: 2.91 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.4	14.6	22.0





#28

Fluoranthene

Concen: 19.31 ng/ul

RT: 19.12 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BM006078.D

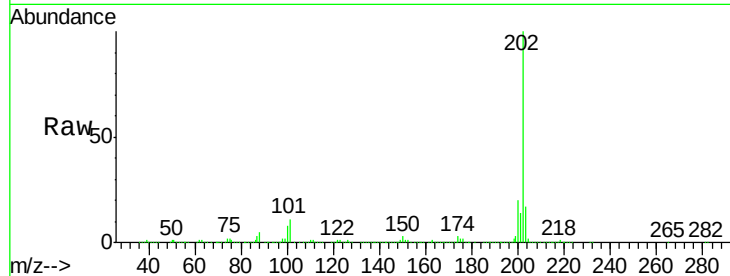
Acq: 27 Jun 2016 20:09

Instrument :

BNA_M

ClientSampleId :

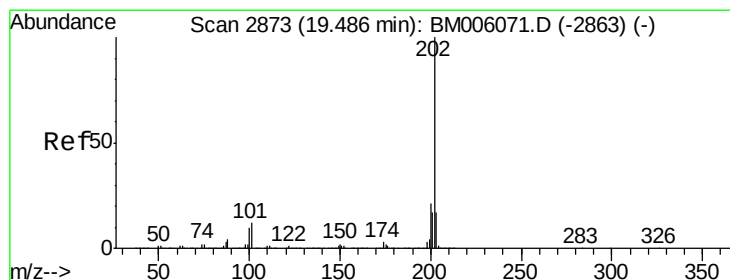
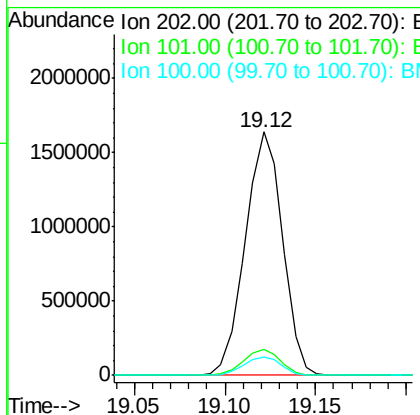
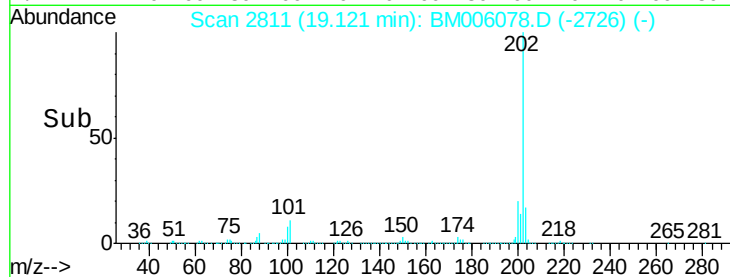
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.5	12.7
100	7.8	6.5	9.7

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#31

Pyrene

Concen: 20.76 ng/ul

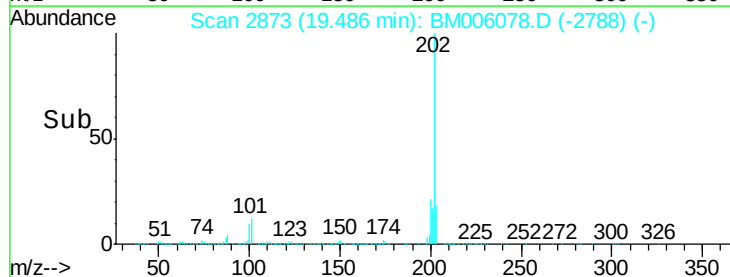
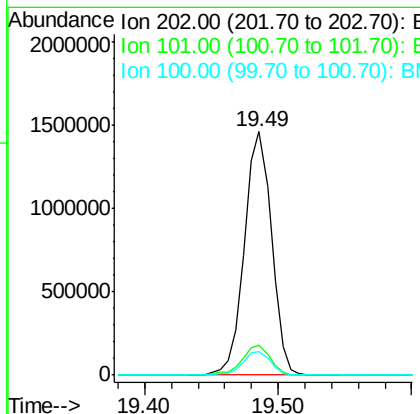
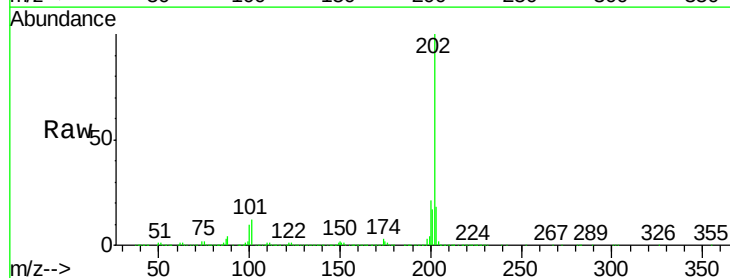
RT: 19.49 min Scan# 2873

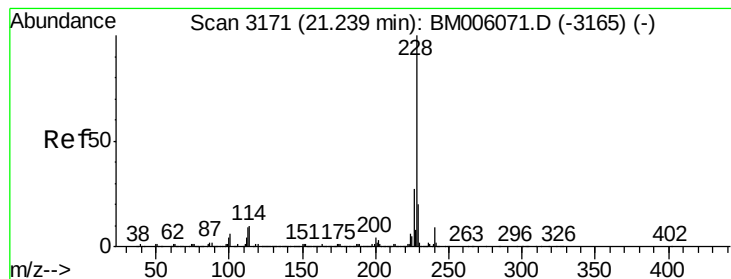
Delta R.T. 0.00 min

Lab File: BM006078.D

Acq: 27 Jun 2016 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.0	16.4
100	9.6	8.9	13.3





#32

Benzo(a)anthracene

Concen: 8.33 ng/ul

RT: 21.24 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BM006078.D

Acq: 27 Jun 2016 20:09

Instrument :

BNA_M

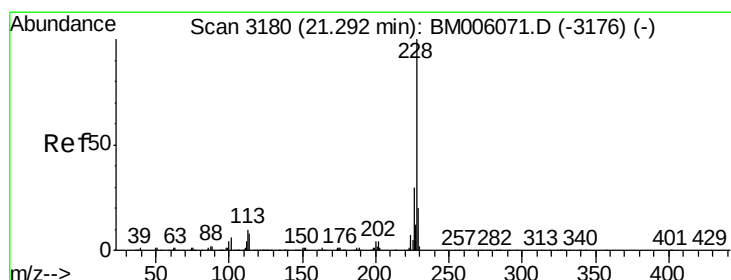
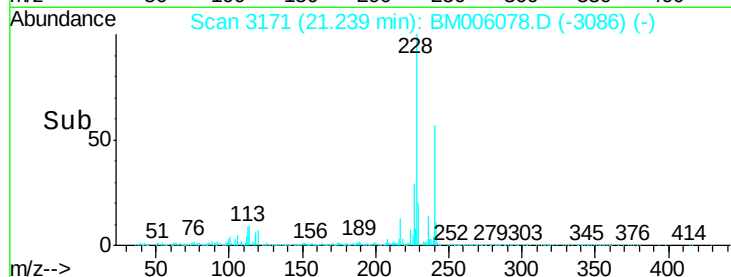
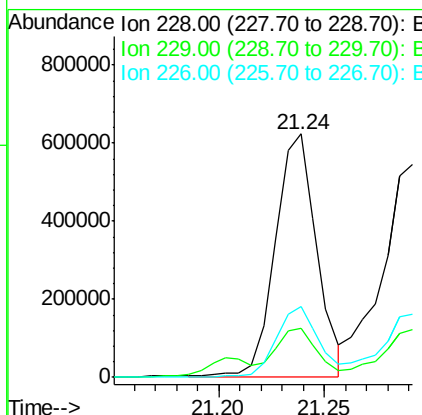
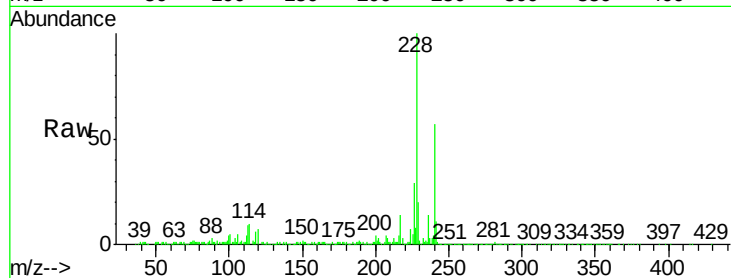
ClientSampleId :

D9YA3DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	851227		
229	20.2	15.6	23.4	
226	28.9	21.6	32.4	

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#33

Chrysene

Concen: 8.75 ng/ul

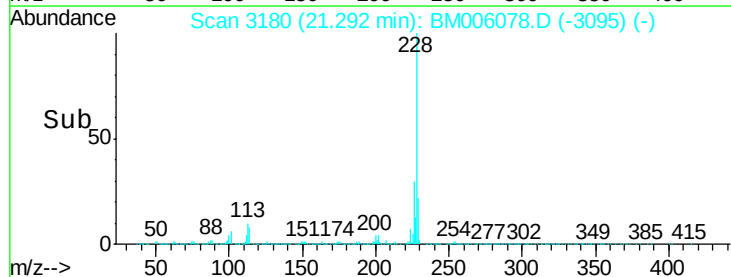
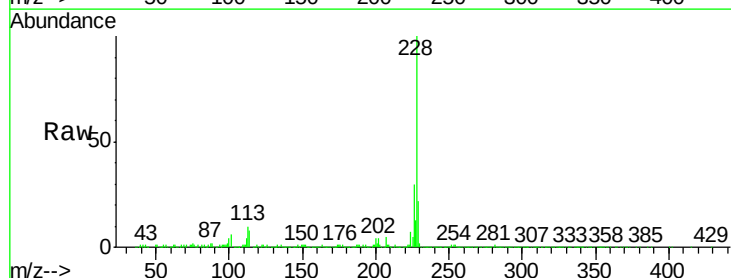
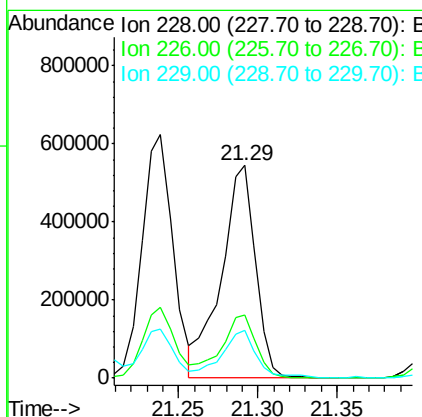
RT: 21.29 min Scan# 3180

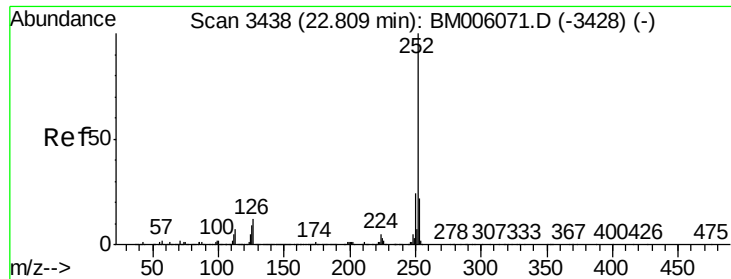
Delta R.T. 0.00 min

Lab File: BM006078.D

Acq: 27 Jun 2016 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	816790		
226	29.9	23.8	35.6	
229	22.5	15.8	23.6	





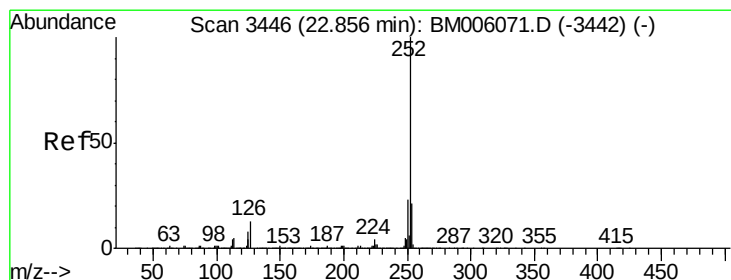
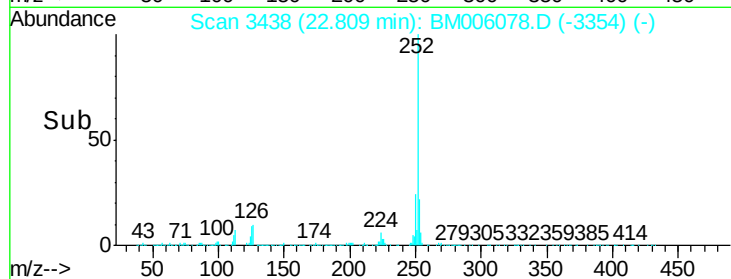
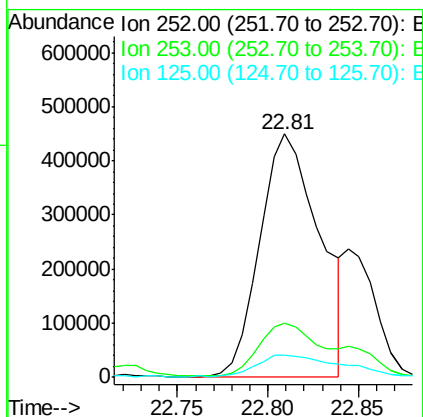
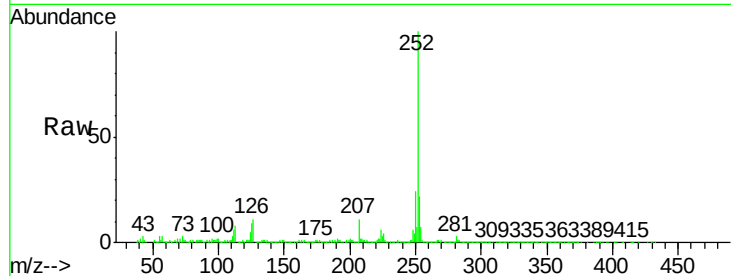
#35
Benzo(b)fluoranthene
Concen: 11.93 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
D9YA3DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.3	7.8	11.6

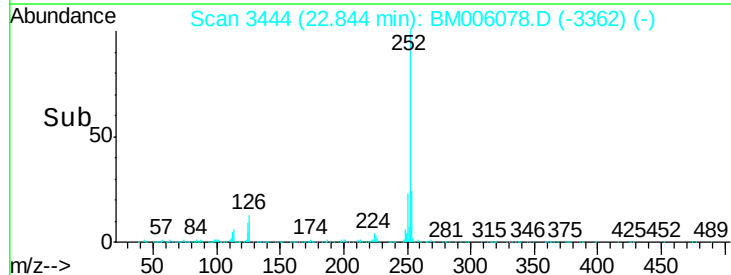
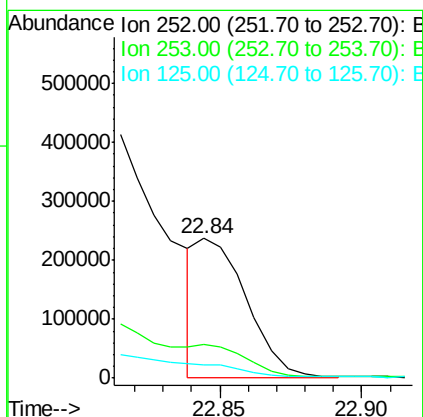
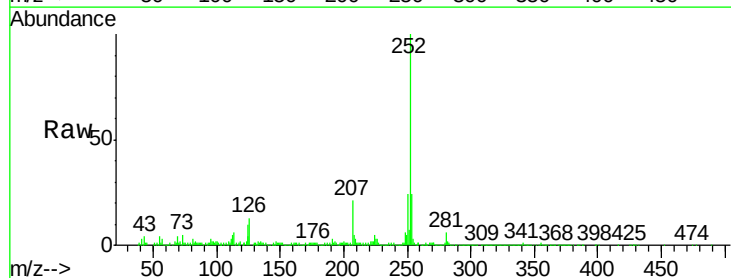
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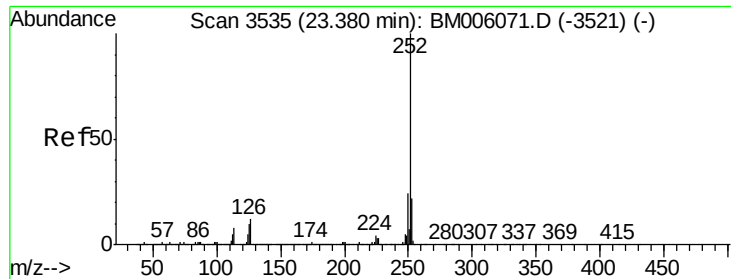
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#36
Benzo(k)fluoranthene
Concen: 3.59 ng/ul m
RT: 22.84 min Scan# 3444
Delta R.T. -0.02 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	9.7	8.1	12.1





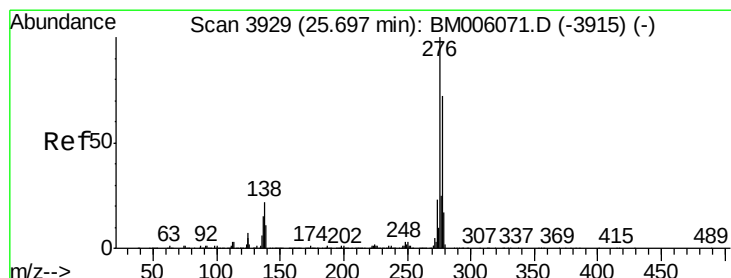
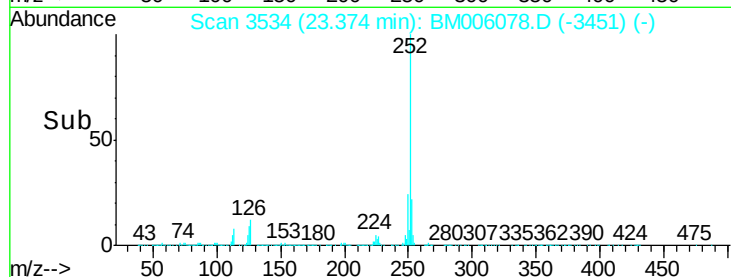
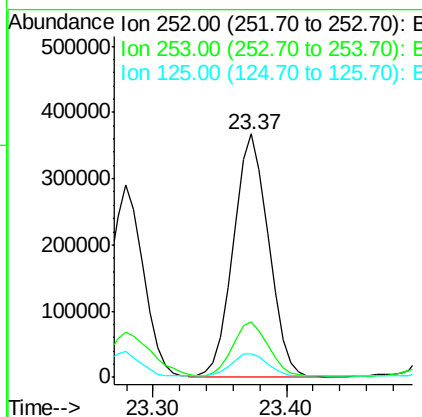
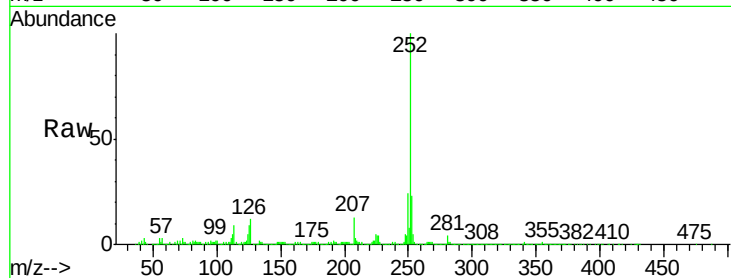
#38
Benzo(a)pyrene
Concen: 8.12 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
D9YA3DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	17.8	26.6
125	9.4	8.7	13.1

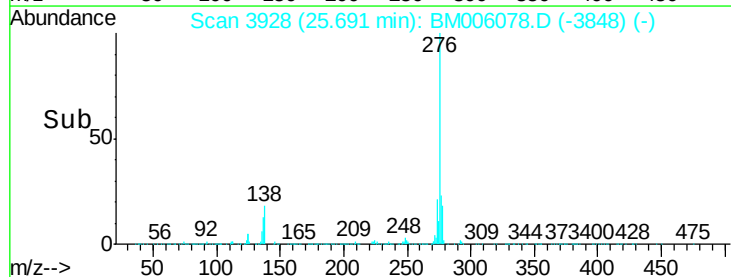
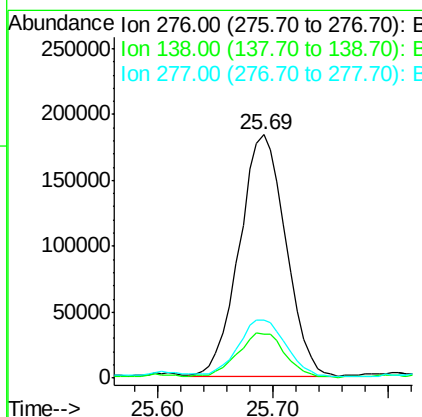
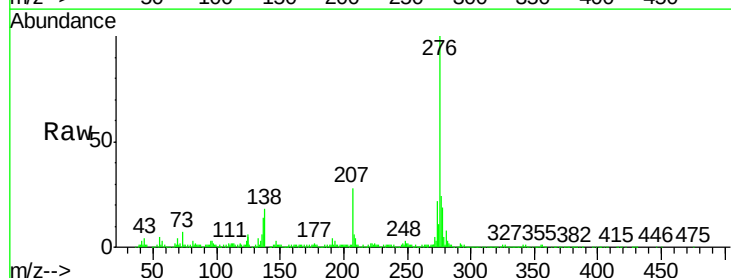
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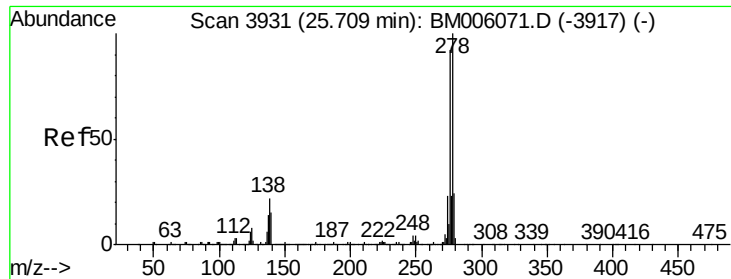
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#39
Indeno(1,2,3-cd)pyrene
Concen: 5.20 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. -0.03 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.3	20.4	30.6#
277	24.0	20.6	30.8





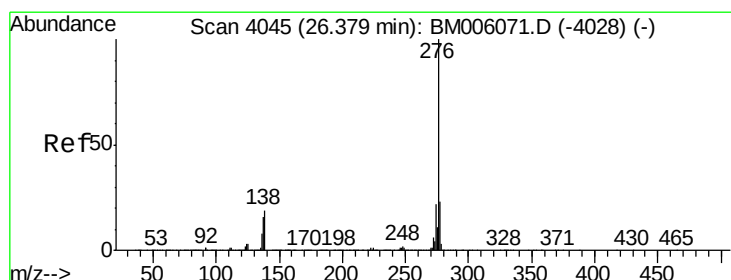
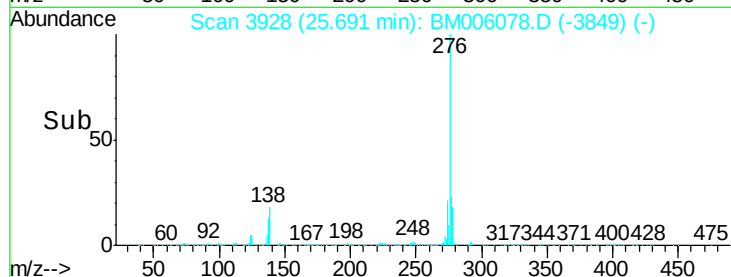
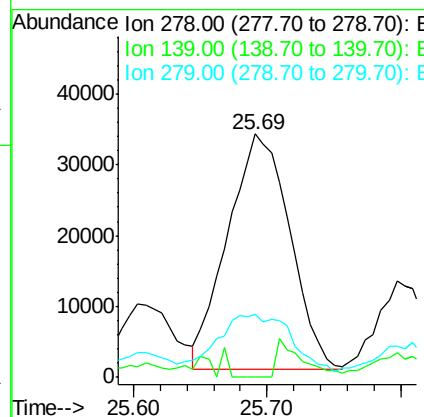
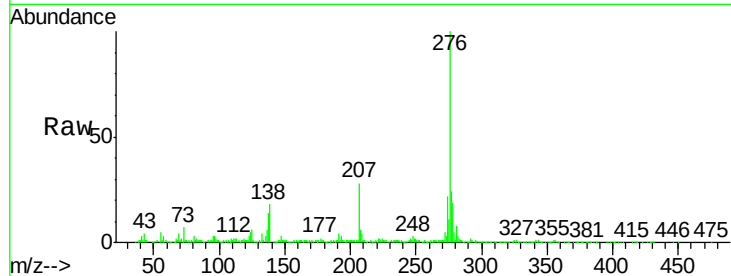
#40
Dibenzo(a,h)anthracene
Concen: 1.32 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. -0.04 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	26.1	18.8	28.2

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#41
Benzo(g,h,i)perylene
Concen: 6.20 ng/ul
RT: 26.37 min Scan# 4044
Delta R.T. -0.02 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.6	25.0
277	23.3	18.9	28.3

