

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
 Data File : BM006147.D
 Acq On : 30 Jun 2016 04:15
 Operator : UM/SJ
 Sample : H3777-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YB9

Quant Time: Jun 30 05:40:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

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 6/30/2016 7:44:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	246267	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1145953	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	647094	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1254492	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	951893	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1027201	20.00	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	9569	1.80	ng/uL	0.00
3) Phenol-d5	6.82	99	481018	23.91	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	319067	26.90	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	375489	24.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	310831	19.20	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	204341	26.47	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	227673	25.77	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	393780	24.43	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	382685	30.04	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1244172	26.82	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1526520	27.12	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	165035	18.75	ng/ul	0.00
21) Fluorene-d10	15.30	176	1020816	25.79	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	145070	32.65	ng/ul	0.00
26) Anthracene-d10	17.15	188	1359590	27.02	ng/ul	0.00
30) Pyrene-d10	19.45	212	1208570	31.53	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1110166	27.16	ng/ul	0.00

6/30/2016 7:44:40 PM

Target Compounds

						Qvalue
18) Acenaphthylene	14.02	152	97329	1.65	ng/ul	99
25) Phenanthrene	17.09	178	140265	2.36	ng/ul	99
28) Fluoranthene	19.11	202	511950	7.04	ng/ul	99
31) Pyrene	19.48	202	428817	8.54	ng/ul	97
32) Benzo(a)anthracene	21.23	228	372974	7.54	ng/ul	94
33) Chrysene	21.28	228	365017	8.01	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	597167m	11.20	ng/ul	
36) Benzo(k)fluoranthene	22.82	252	238064m	4.76	ng/ul	
38) Benzo(a)pyrene	23.36	252	403630	8.01	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.67	276	336503	6.43	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.68	278	89366	2.06	ng/ul	95
41) Benzo(g,h,i)perylene	26.36	276	309454	7.06	ng/ul	98

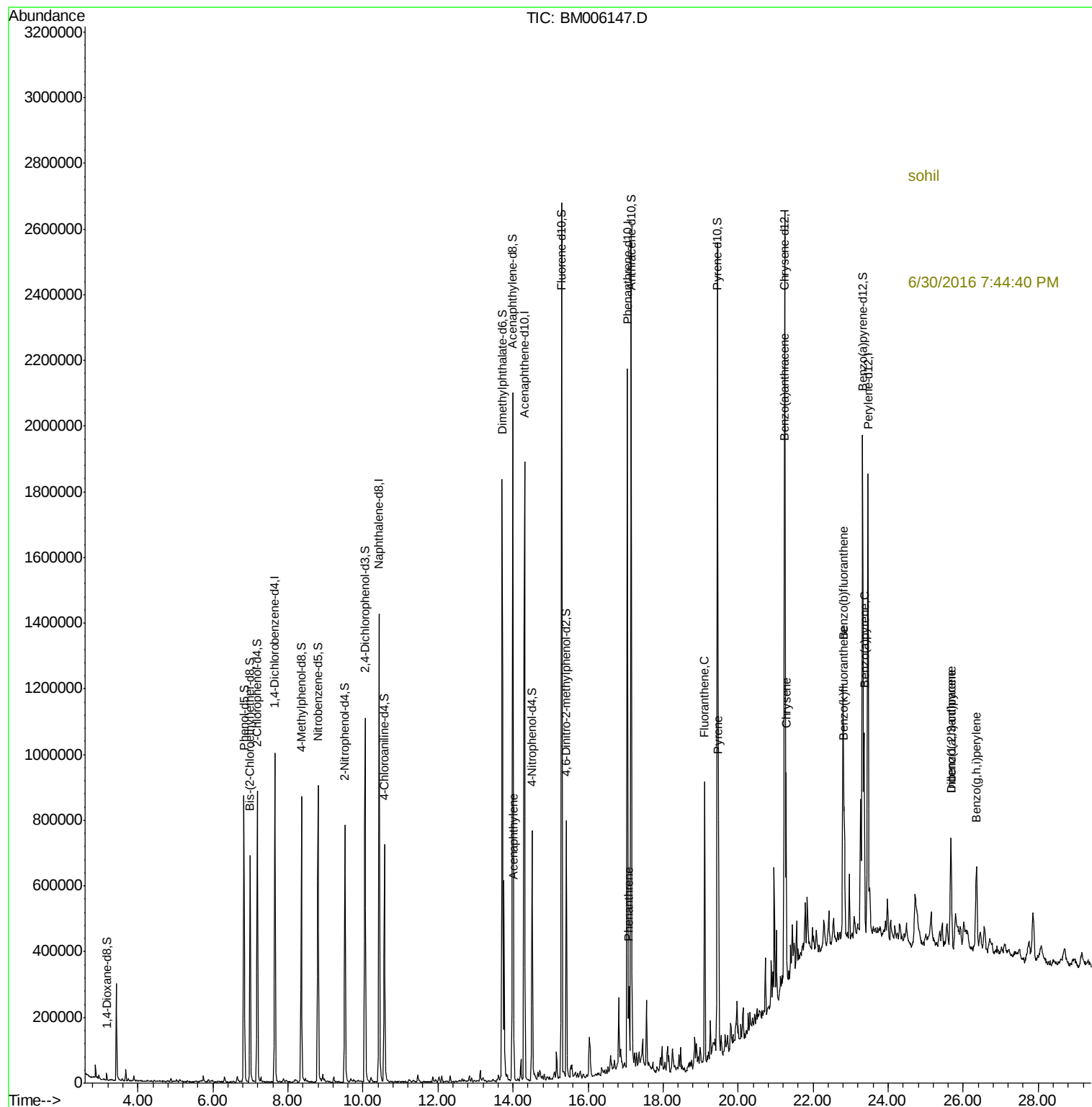
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006147.D
Acq On : 30 Jun 2016 04:15
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YB9

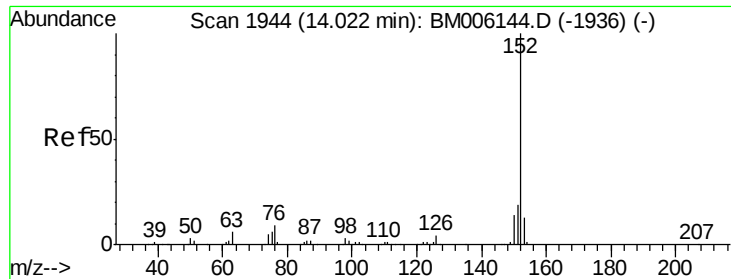
Quant Time: Jun 30 05:40:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
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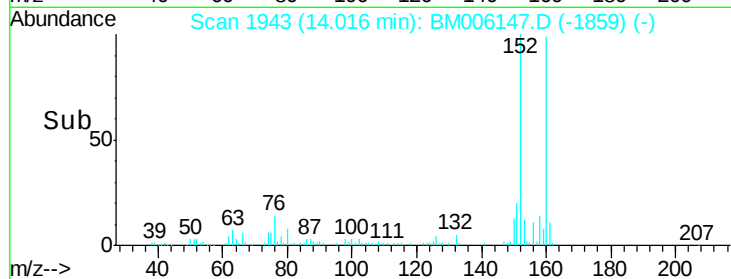
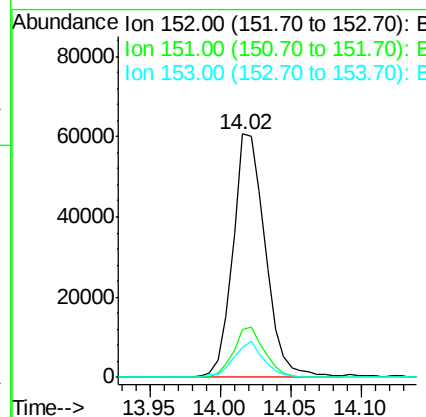
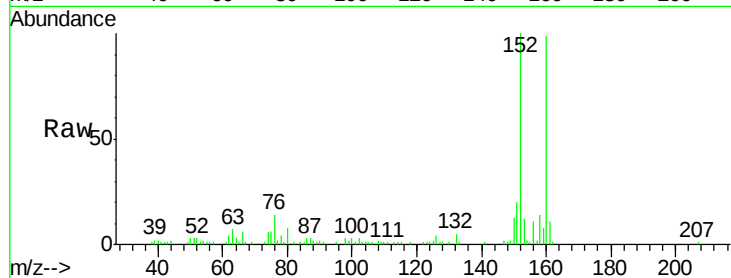


#18
Acenaphthylene
Concen: 1.65 ng/ul
RT: 14.02 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

Instrument :
BNA_M
ClientSampleId :
D9YB9

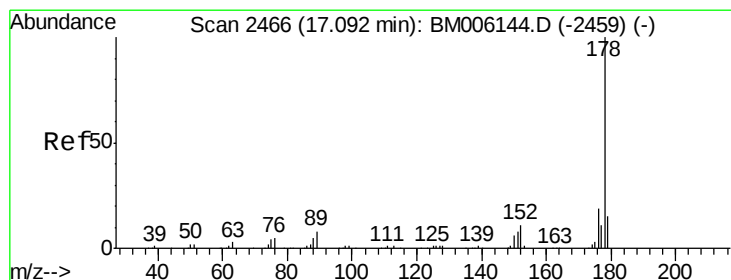
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.3	10.3	15.5

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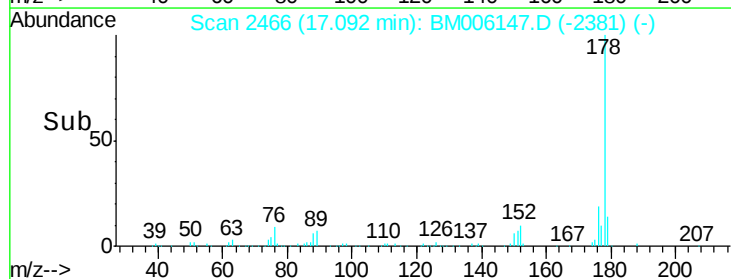
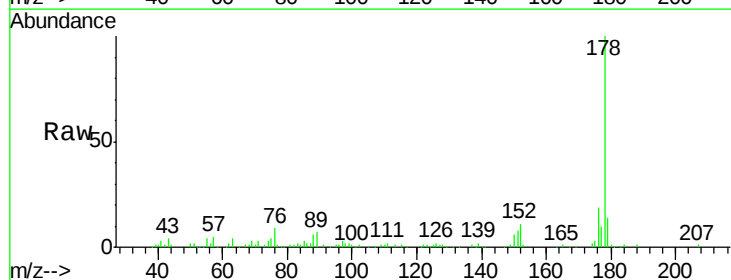
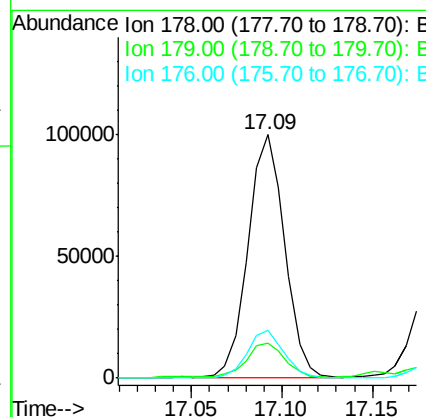
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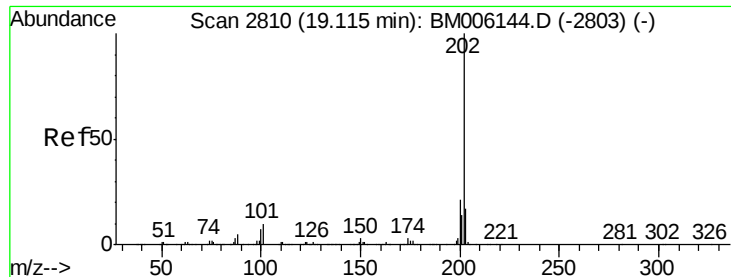
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#25
Phenanthrene
Concen: 2.36 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.2	18.2
176	19.4	15.3	22.9



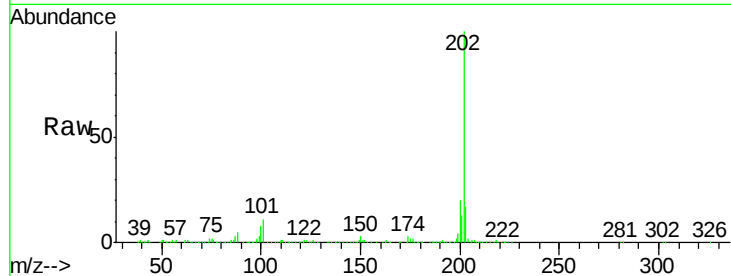


#28
Fluoranthene
Concen: 7.04 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

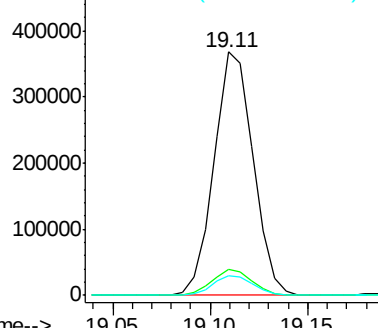
Instrument :
BNA_M
ClientSampled :
D9YB9

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	511950		
101	10.9		8.5	12.7
100	8.0		6.5	9.7

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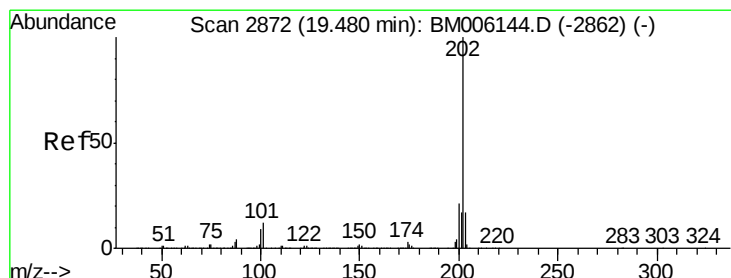
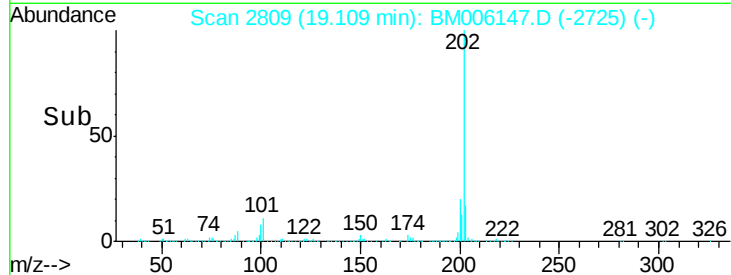


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



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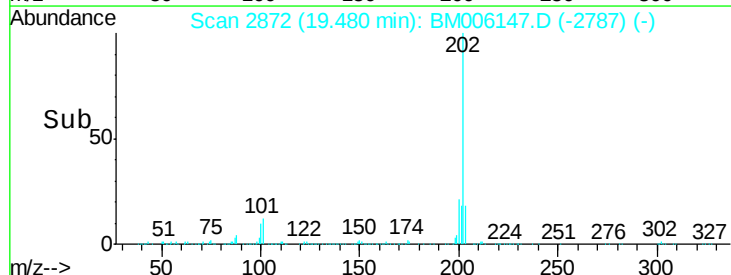
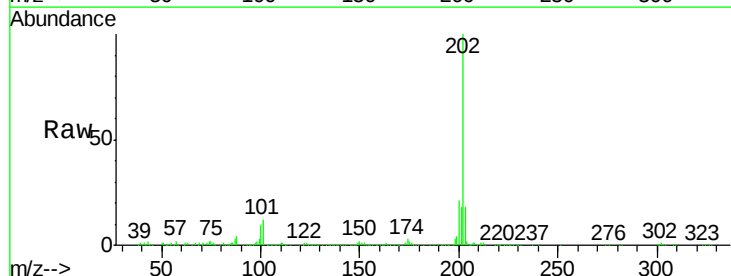
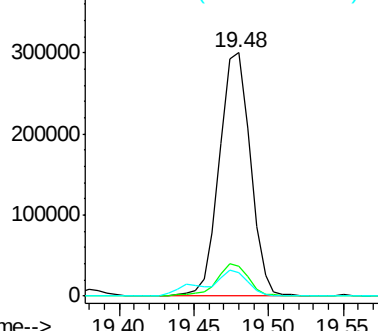
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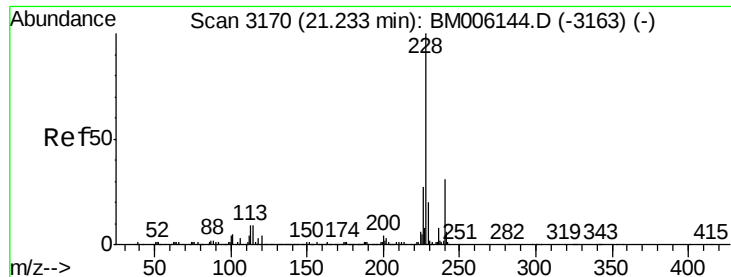


#31
Pyrene
Concen: 8.54 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	428817		
101	12.4		11.0	16.4
100	9.8		8.9	13.3

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



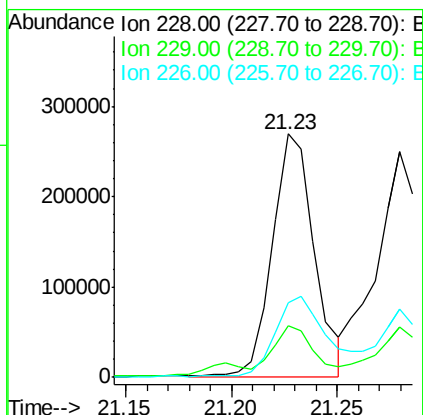
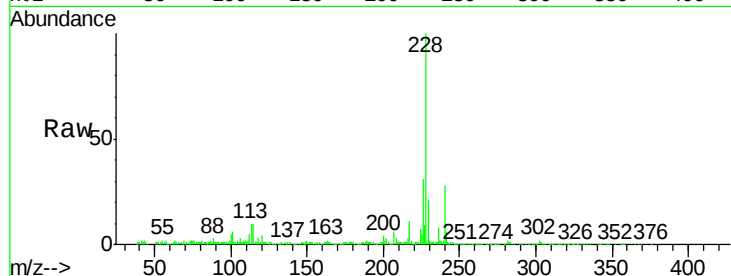


#32
Benzo(a)anthracene
Concen: 7.54 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

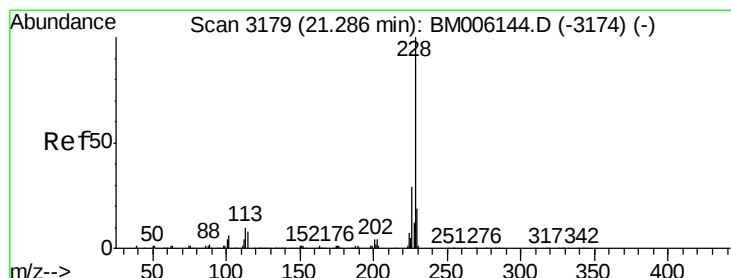
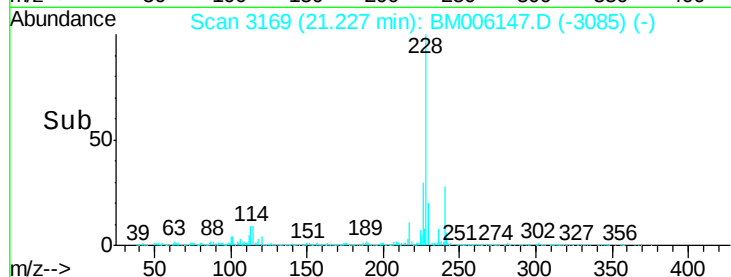
Instrument :
BNA_M
ClientSampleId :
D9YB9

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	30.8	21.6	32.4

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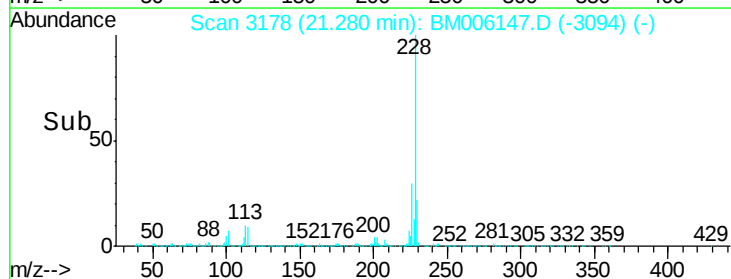
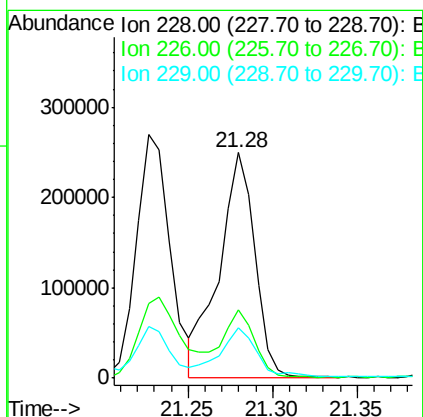
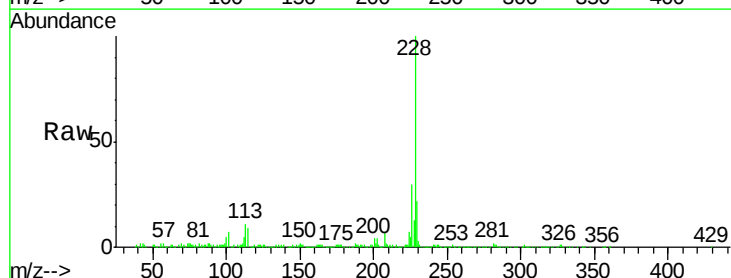


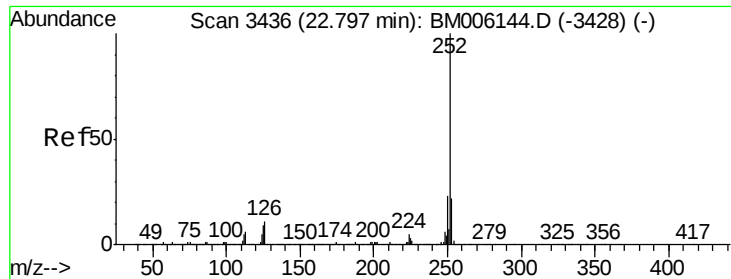
6/30/2016 7:44:40 PM



#33
Chrysene
Concen: 8.01 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	22.2	15.8	23.6



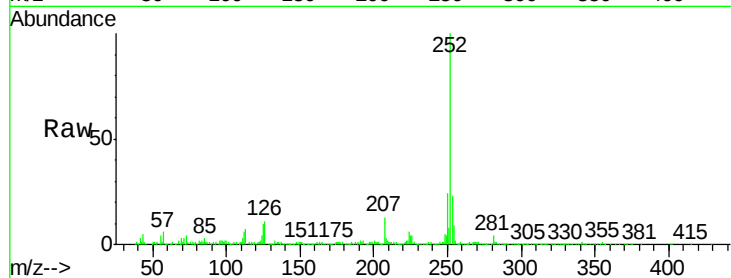


#35
Benzo(b)fluoranthene
Concen: 11.20 ng/ul m
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

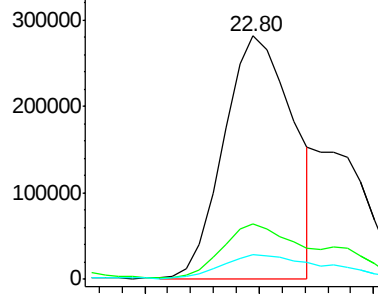
Instrument :
BNA_M
ClientSampleId :
D9YB9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	10.4	7.8	11.6

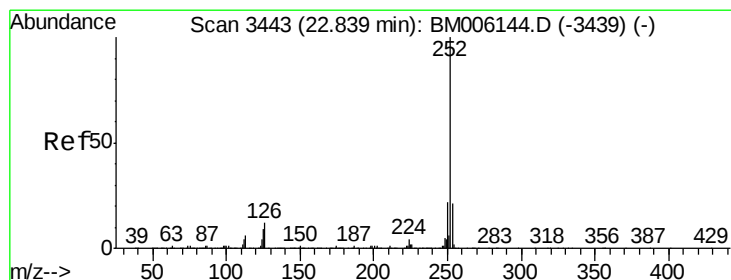
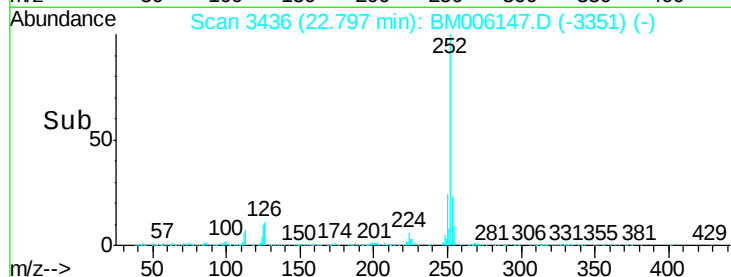
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

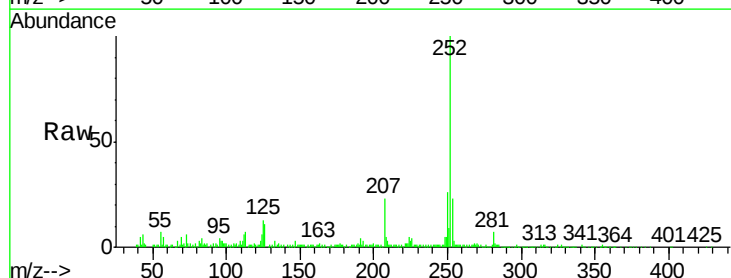


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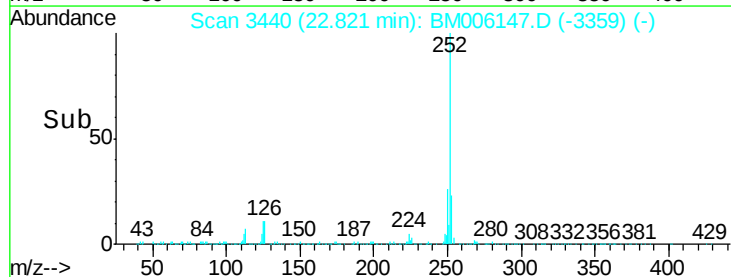
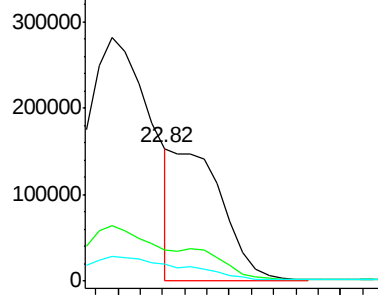


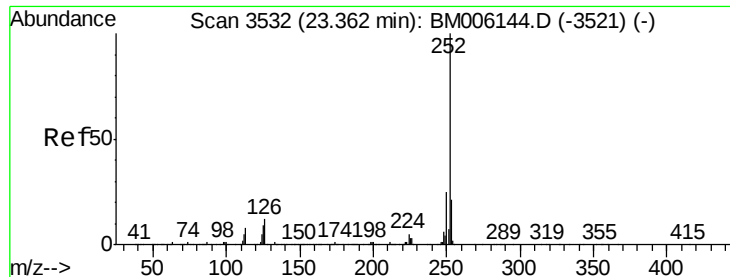
#36
Benzo(k)fluoranthene
Concen: 4.76 ng/ul m
RT: 22.82 min Scan# 3440
Delta R.T. -0.02 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	12.5	8.1	12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 8.01 ng/ul

RT: 23.36 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM006147.D

Acq: 30 Jun 2016 04:15

Instrument :

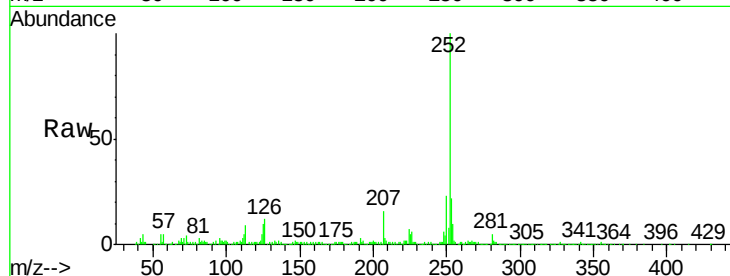
BNA_M

ClientSampleId :

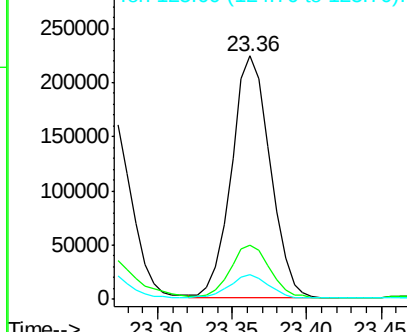
D9YB9

Tgt Ion:	252	Resp:	403630
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	10.1	8.7	13.1

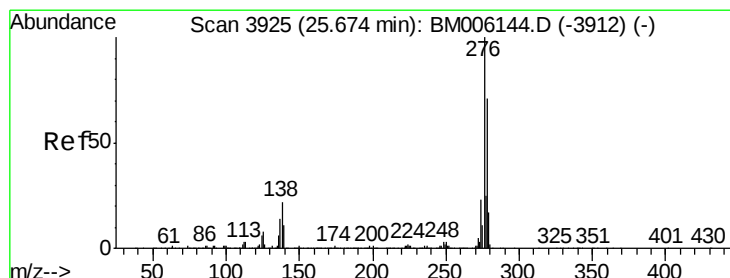
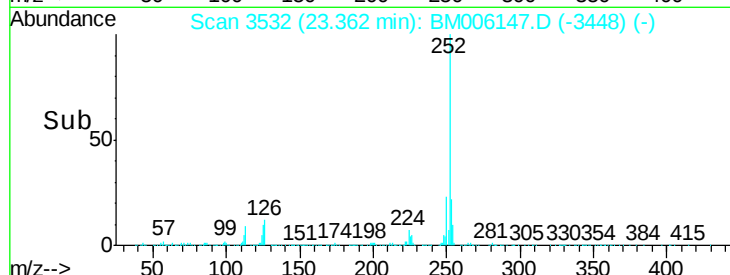
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



6/30/2016 7:44:40 PM



#39

Indeno(1,2,3-cd)pyrene

Concen: 6.43 ng/ul

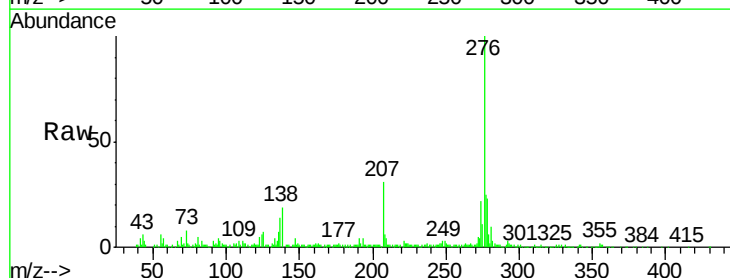
RT: 25.67 min Scan# 3925

Delta R.T. -0.01 min

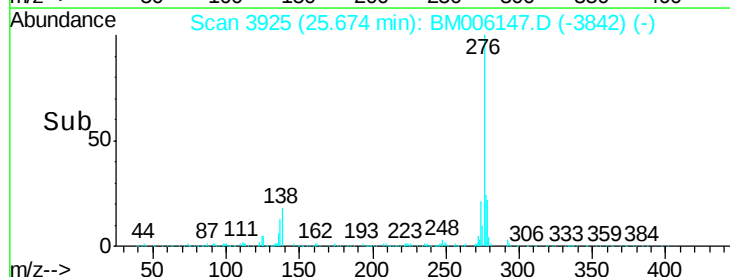
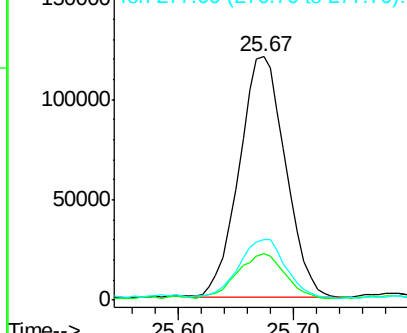
Lab File: BM006147.D

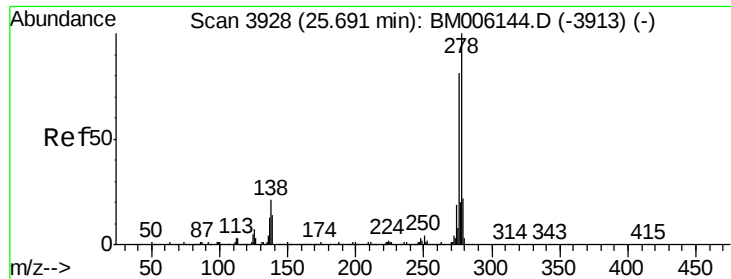
Acq: 30 Jun 2016 04:15

Tgt Ion:	276	Resp:	336503
Ion Ratio	Lower	Upper	
276	100		
138	18.9	20.4	30.6#
277	25.1	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



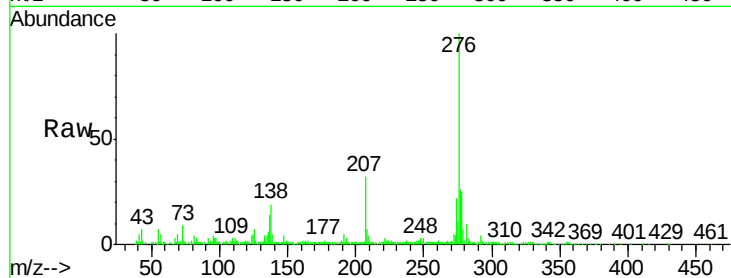


#40
Dibenzo(a,h)anthracene
Concen: 2.06 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

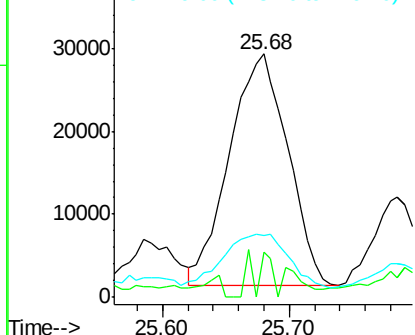
Instrument :
BNA_M
ClientSampleId :
D9YB9

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.0	19.4
279	25.6	18.8	28.2

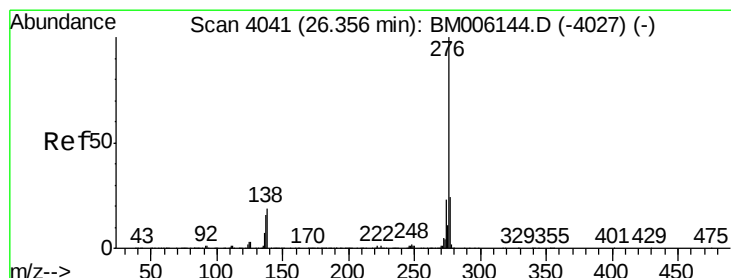
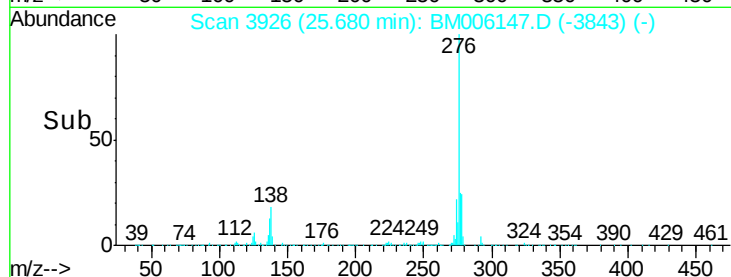
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



6/30/2016 7:44:40 PM



#41
Benzo(g,h,i)perylene
Concen: 7.06 ng/ul
RT: 26.36 min Scan# 4041
Delta R.T. 0.00 min
Lab File: BM006147.D
Acq: 30 Jun 2016 04:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.6	25.0
277	24.2	18.9	28.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

