

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006816.D
 Acq On : 01 Aug 2016 08:39
 Operator : UM/SJ
 Sample : H4189-18MSD
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5MSD

Manual Integrations
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Quant Time: Aug 01 13:33:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	285593	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	1219140	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	659407	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1435745	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1484168	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1575794	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	10419	1.48	ng/uL	0.00
3) Phenol-d5	6.79	99	436069	17.95	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	309676	20.57	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	371677	19.14	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	260493	13.82	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	198899	21.55	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	223016	22.72	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	371765	20.05	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	376362	18.43	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	1155244	22.34	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1474007	22.34	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	160978	17.93	ng/ul	0.01
21) Fluorene-d10	15.26	176	1003707	21.71	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	136363	18.30	ng/ul	0.01
26) Anthracene-d10	17.12	188	1610927	23.63	ng/ul	0.00
30) Pyrene-d10	19.42	212	1759748	26.02	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1780022	24.56	ng/ul	0.00

Target Compounds

						Qvalue
19) Acenaphthene	14.33	153	910942	20.05	ng/ul	97
25) Phenanthrene	17.06	178	408351	5.06	ng/ul	99
27) Anthracene	17.14	178	97826	1.18	ng/ul	98
28) Fluoranthene	19.08	202	914767	9.64	ng/ul	99
31) Pyrene	19.45	202	2744595	30.54	ng/ul#	96
32) Benzo(a)anthracene	21.20	228	422400	4.70	ng/ul	95
33) Chrysene	21.26	228	448366	5.41	ng/ul	95
35) Benzo(b)fluoranthene	22.76	252	699861	7.41	ng/ul	99
36) Benzo(k)fluoranthene	22.80	252	176564m	1.93	ng/ul	
38) Benzo(a)pyrene	23.33	252	456806	4.97	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.63	276	368446	3.46	ng/ul	98
40) Dibenzo(a,h)anthracene	25.63	278	88769	1.01	ng/ul#	87
41) Benzo(g,h,i)perylene	26.31	276	353337	3.87	ng/ul	97

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

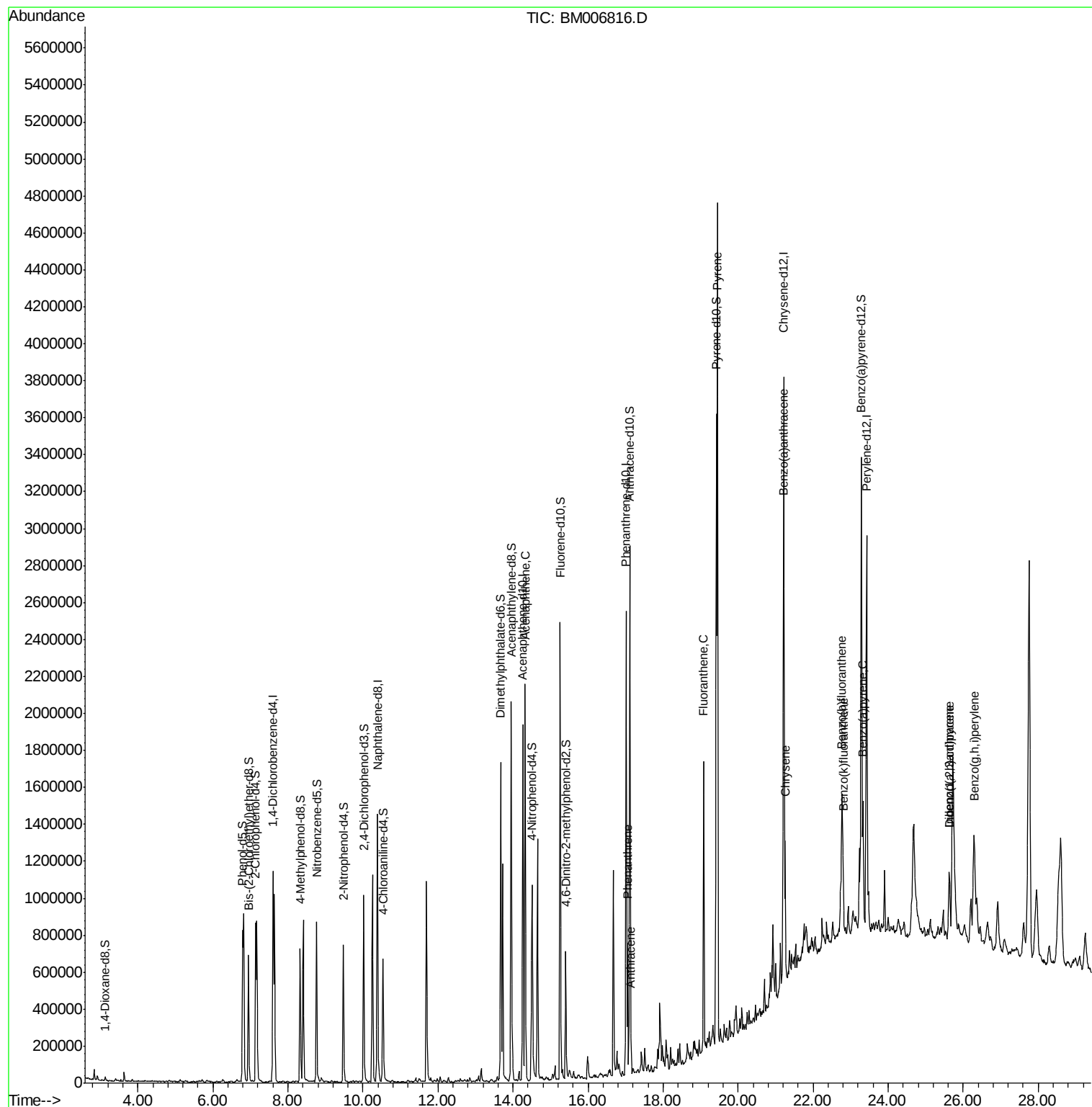
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006816.D
Acq On : 01 Aug 2016 08:39
Operator : UM/SJ
Sample : H4189-18MSD
Misc :
ALS Vial : 83 Sample Multiplier: 1

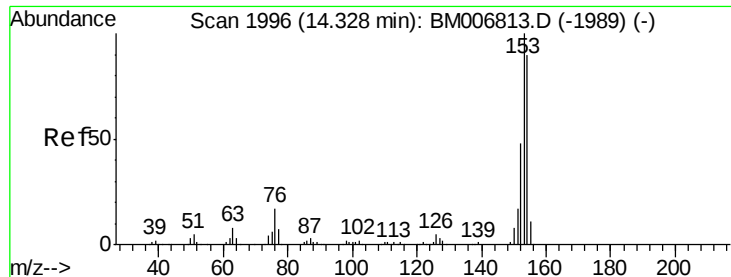
Instrument :
BNA_M
ClientSampleId :
D9ZQ5MSD

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Quant Time: Aug 01 13:33:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration





#19

Acenaphthene

Concen: 20.05 ng/ul

RT: 14.33 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BM006816.D

Acq: 01 Aug 2016 08:39

Instrument :

BNA_M

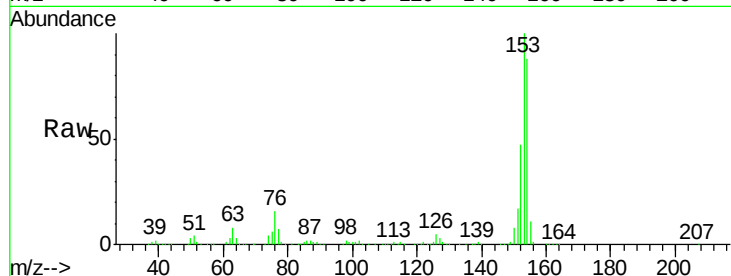
ClientSampleId :

D9ZQ5MSD

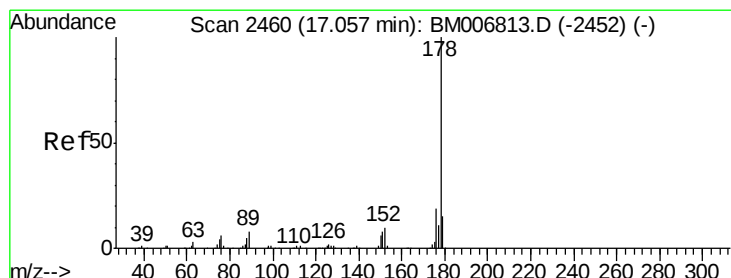
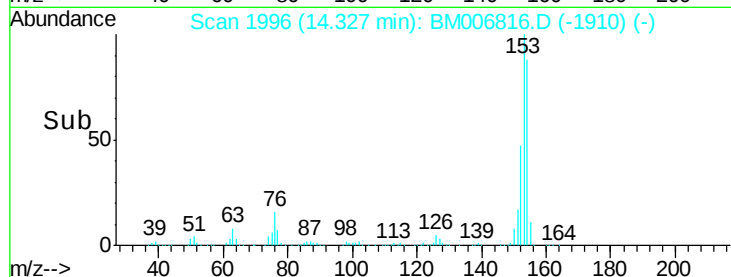
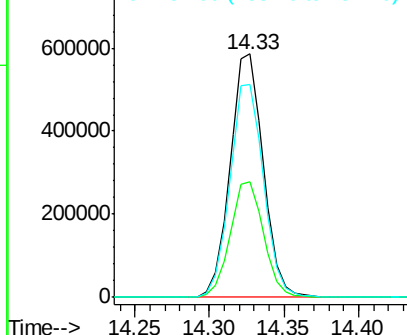
Tgt Ion:	153	Resp:	910942
Ion Ratio	Lower	Upper	
153	100		
152	47.3	36.5	54.7
154	87.7	67.3	100.9

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#25

Phenanthrene

Concen: 5.06 ng/ul

RT: 17.06 min Scan# 2460

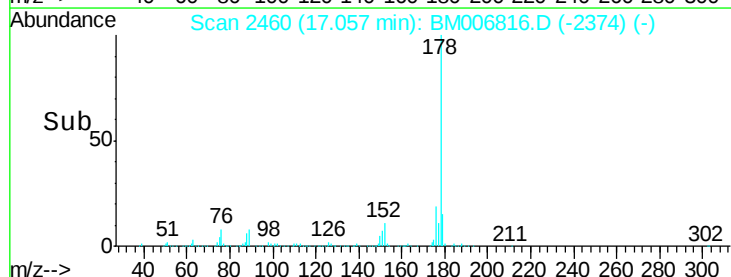
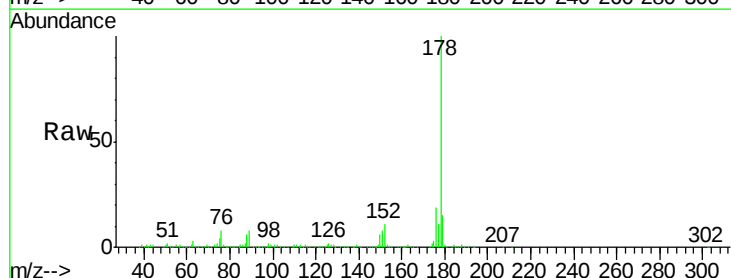
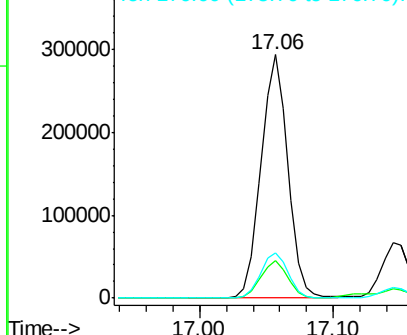
Delta R.T. 0.01 min

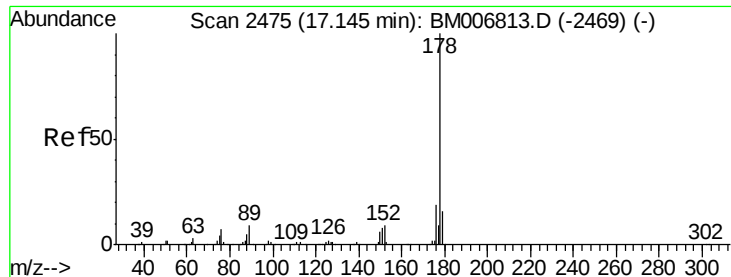
Lab File: BM006816.D

Acq: 01 Aug 2016 08:39

Tgt Ion:	178	Resp:	408351
Ion Ratio	Lower	Upper	
178	100		
179	15.4	11.8	17.8
176	18.6	14.8	22.2

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





#27

Anthracene

Concen: 1.18 ng/ul

RT: 17.14 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BM006816.D

Acq: 01 Aug 2016 08:39

Instrument :

BNA_M

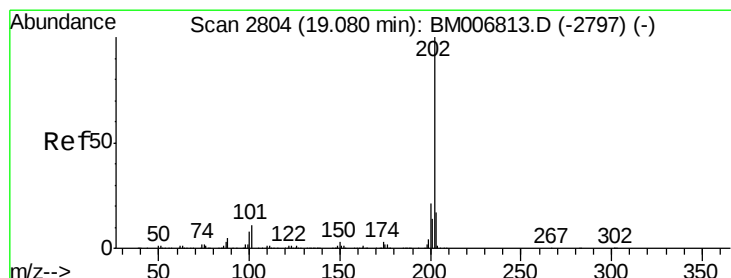
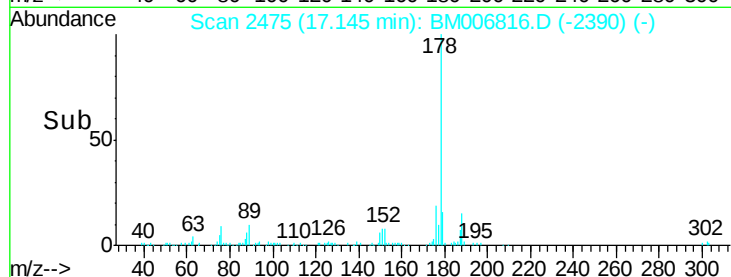
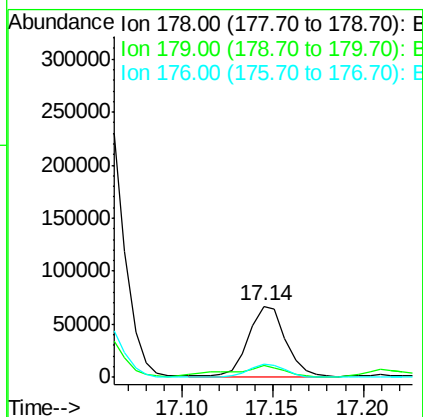
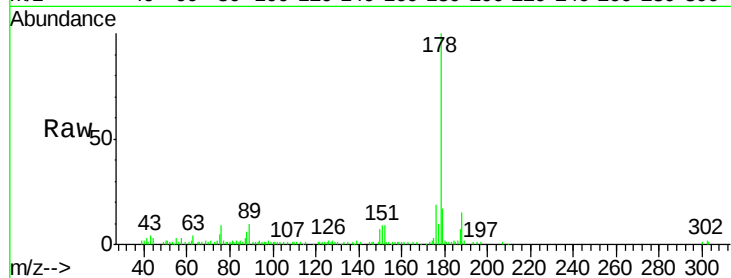
ClientSampleId :

D9ZQ5MSD

Tgt Ion:	178	Resp:	97826
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.9	19.3
176	18.7	15.6	23.4

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#28

Fluoranthene

Concen: 9.64 ng/ul

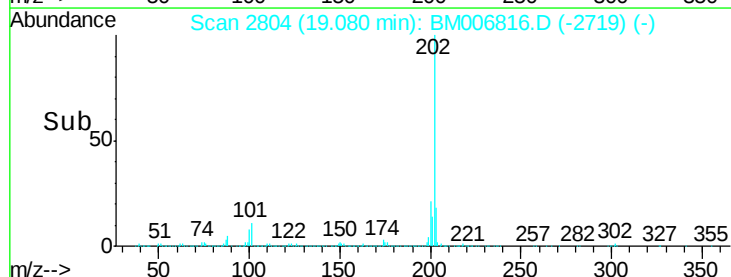
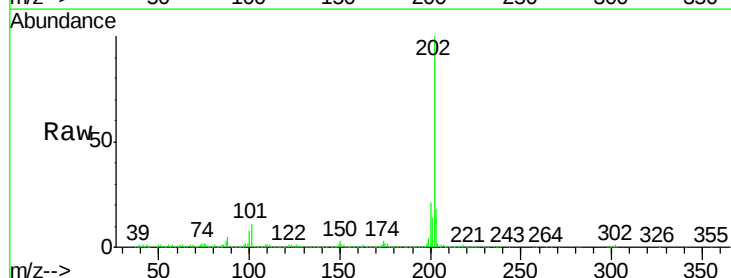
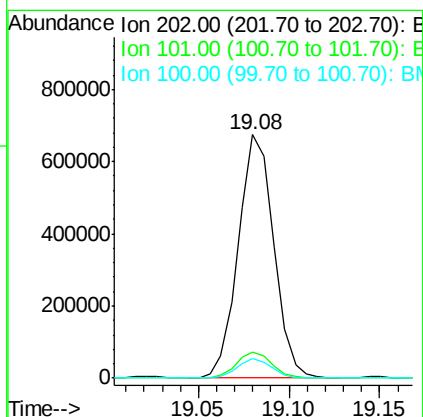
RT: 19.08 min Scan# 2804

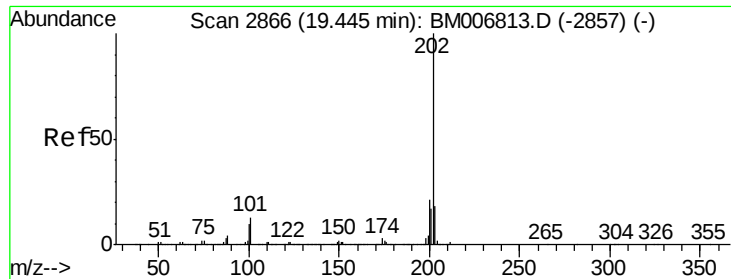
Delta R.T. 0.00 min

Lab File: BM006816.D

Acq: 01 Aug 2016 08:39

Tgt Ion:	202	Resp:	914767
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.9	13.3
100	8.3	7.0	10.4





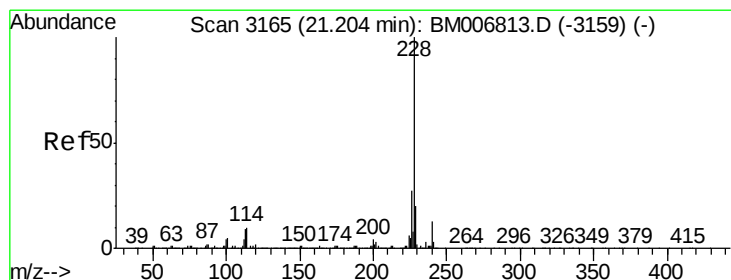
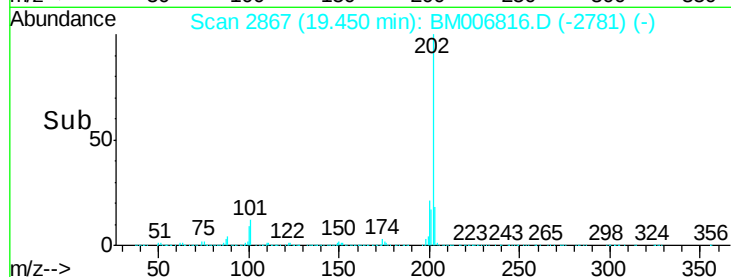
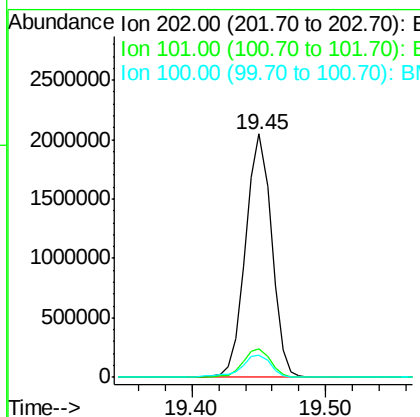
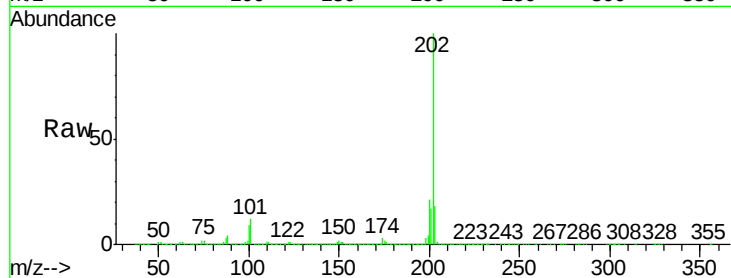
#31
 Pyrene
 Concen: 30.54 ng/ul
 RT: 19.45 min Scan# 2867
 Delta R.T. 0.01 min
 Lab File: BM006816.D
 Acq: 01 Aug 2016 08:39

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
100	9.1	9.3	13.9

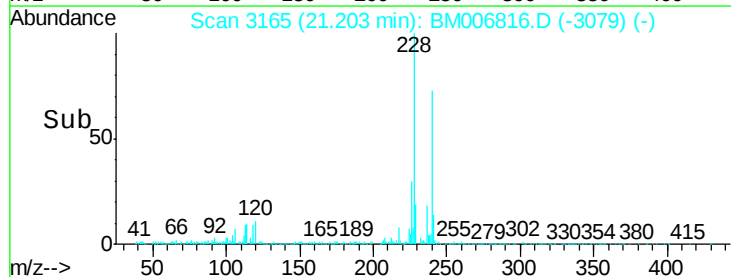
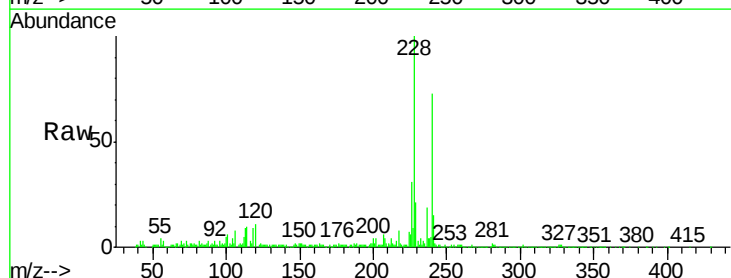
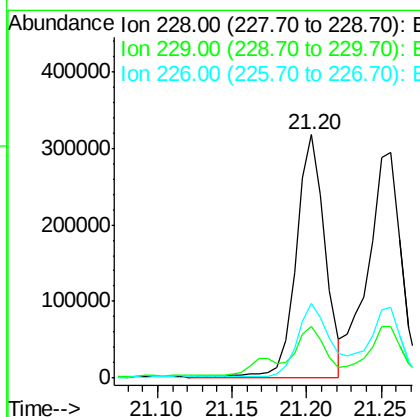
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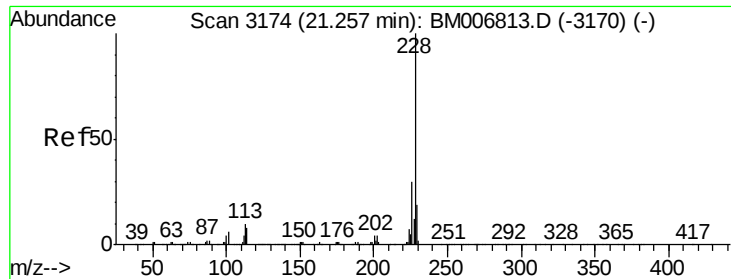
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#32
 Benzo(a)anthracene
 Concen: 4.70 ng/ul
 RT: 21.20 min Scan# 3165
 Delta R.T. 0.01 min
 Lab File: BM006816.D
 Acq: 01 Aug 2016 08:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.6	25.0
226	30.6	21.0	31.4





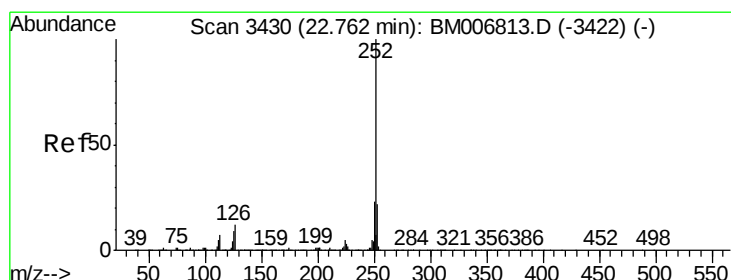
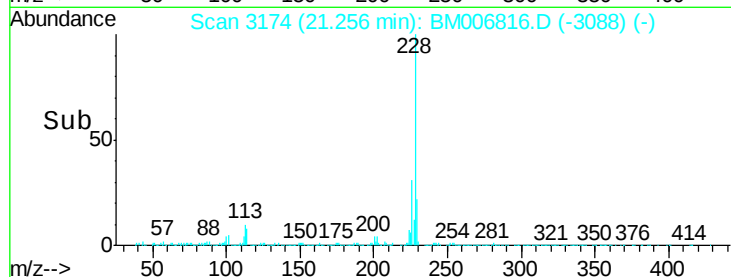
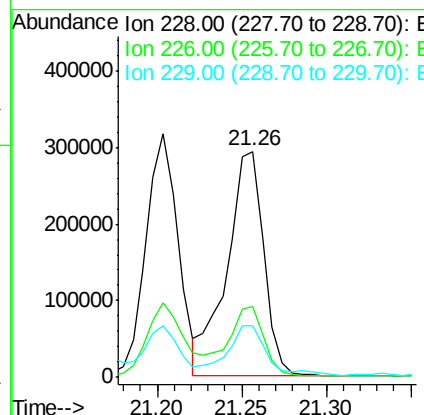
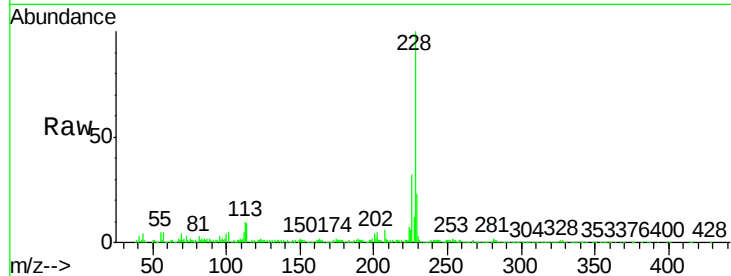
#33
Chrysene
Concen: 5.41 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BM006816.D
Acq: 01 Aug 2016 08:39

Instrument :
BNA_M
ClientSampleId :
D9ZQ5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	448366		
226	31.6	23.4	35.2	
229	23.0	16.2	24.2	

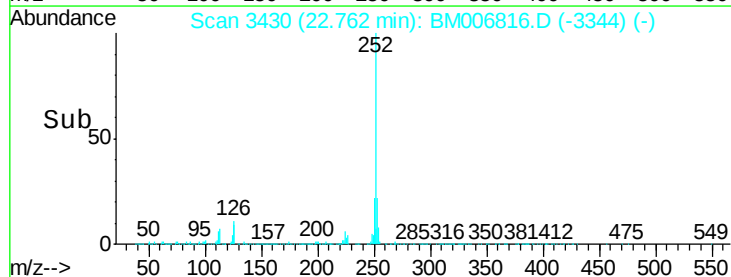
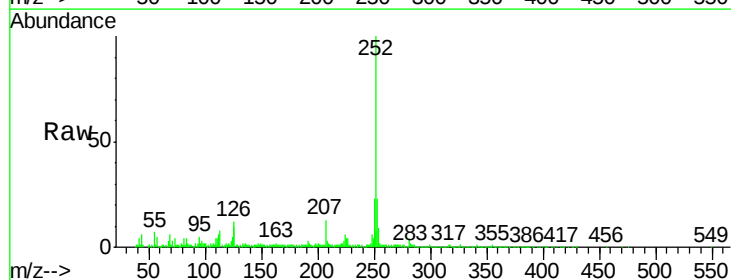
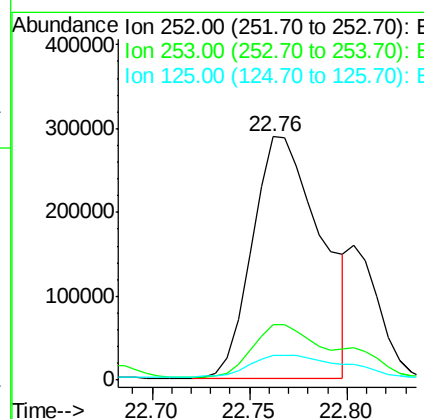
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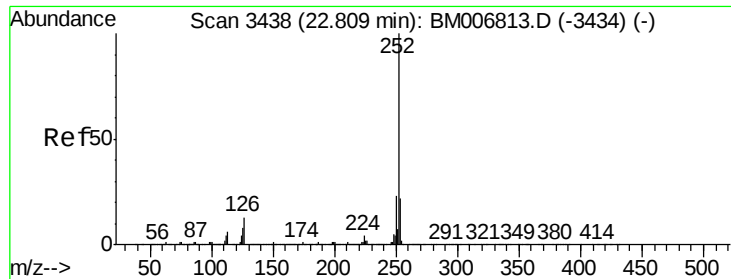
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#35
Benzo(b)fluoranthene
Concen: 7.41 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BM006816.D
Acq: 01 Aug 2016 08:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	699861		
253	23.0	18.1	27.1	
125	10.1	7.6	11.4	





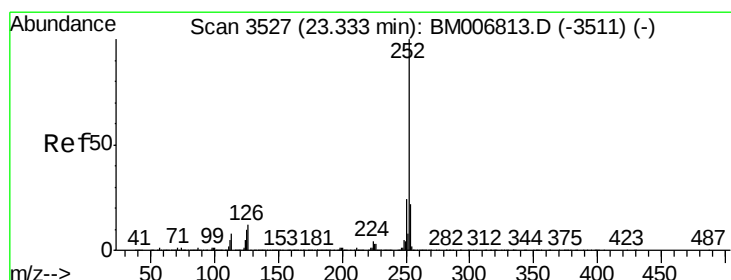
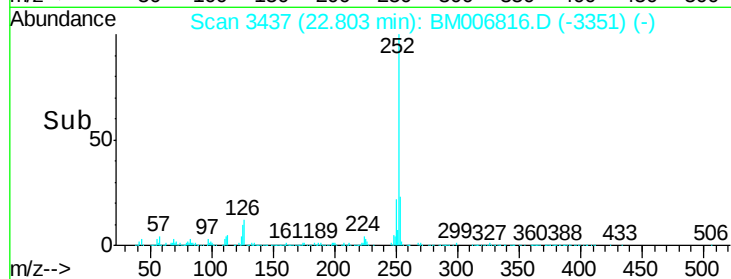
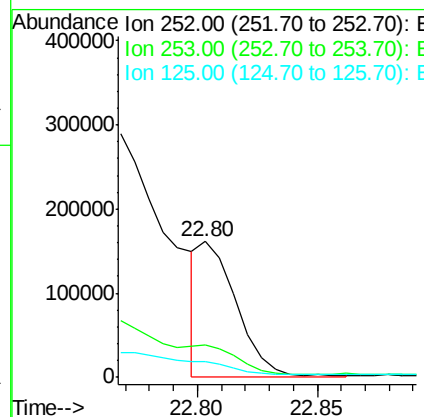
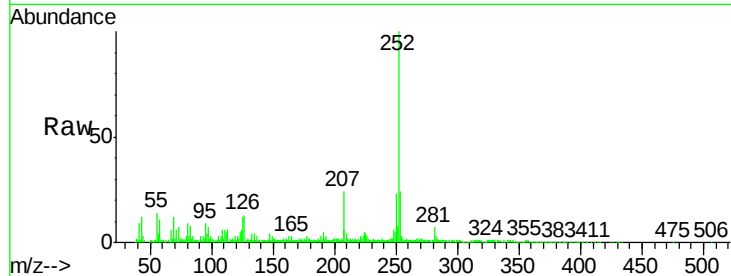
#36
Benzo(k)fluoranthene
Concen: 1.93 ng/ul m
RT: 22.80 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM006816.D
Acq: 01 Aug 2016 08:39

Instrument :
BNA_M
ClientSampleId :
D9ZQ5MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	11.5	7.7	11.5

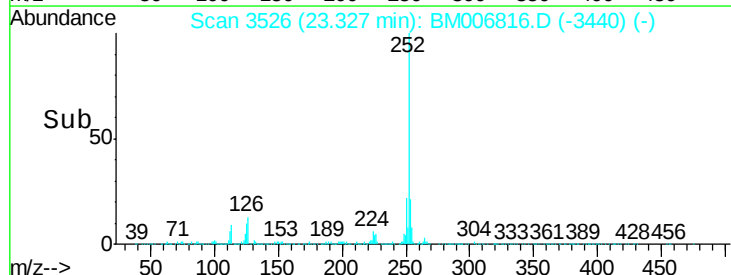
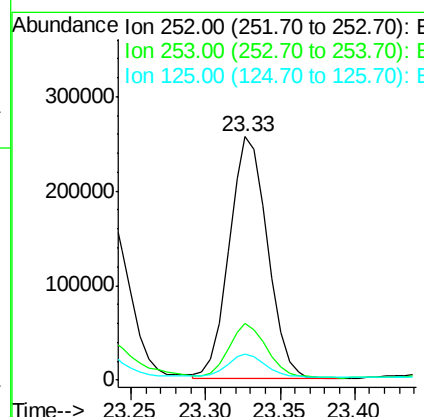
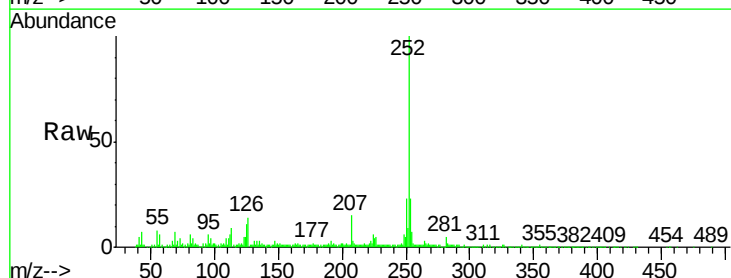
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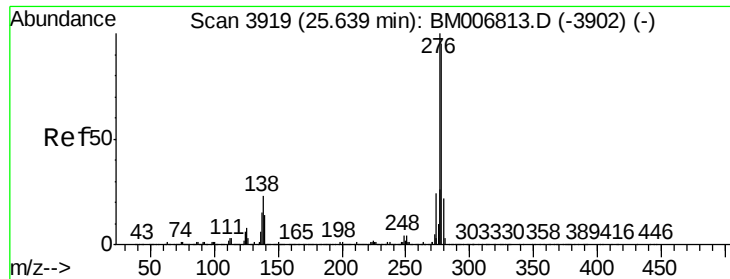
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#38
Benzo(a)pyrene
Concen: 4.97 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BM006816.D
Acq: 01 Aug 2016 08:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	10.9	8.2	12.2





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.46 ng/ul

RT: 25.63 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BM006816.D

Acq: 01 Aug 2016 08:39

Instrument :

BNA_M

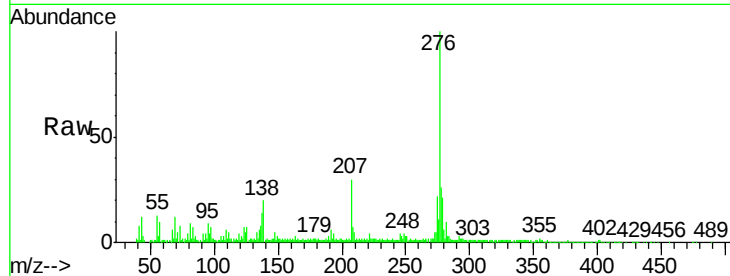
ClientSampleId :

D9ZQ5MSD

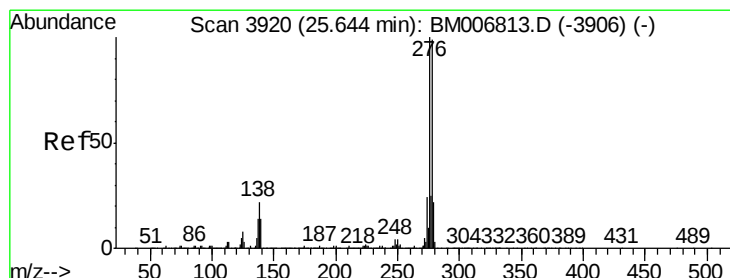
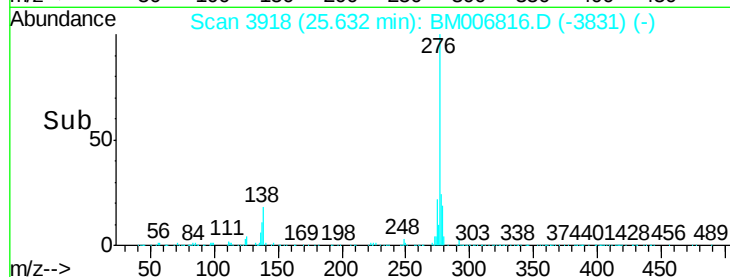
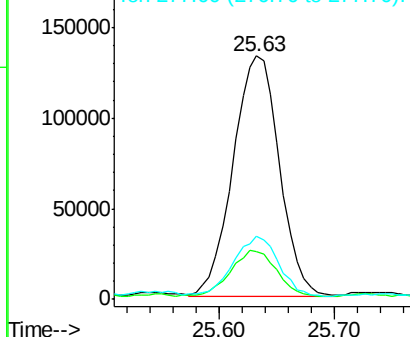
Tgt Ion:	276	Resp:	368446
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.8	23.6
277	25.8	19.0	28.6

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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: 1.01 ng/ul

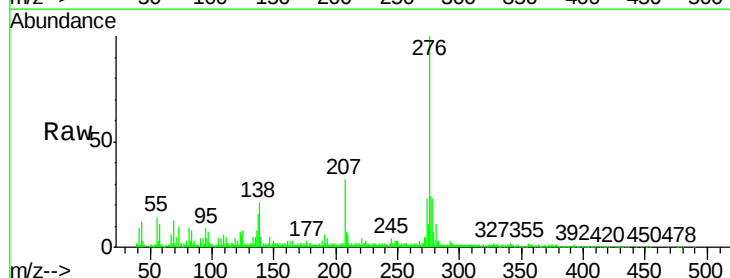
RT: 25.63 min Scan# 3917

Delta R.T. 0.00 min

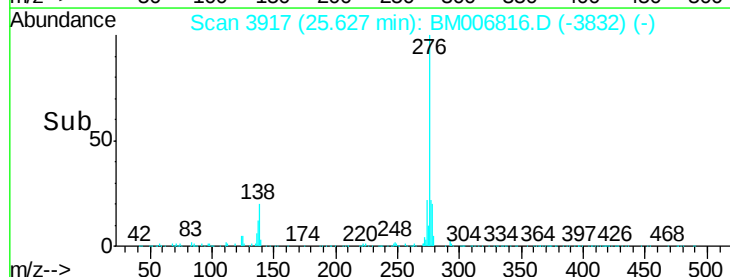
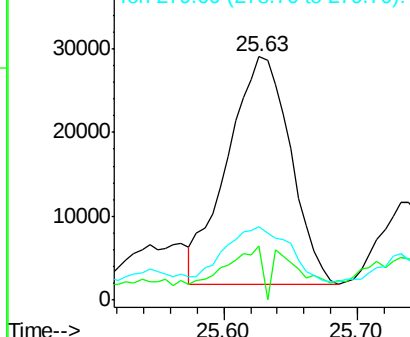
Lab File: BM006816.D

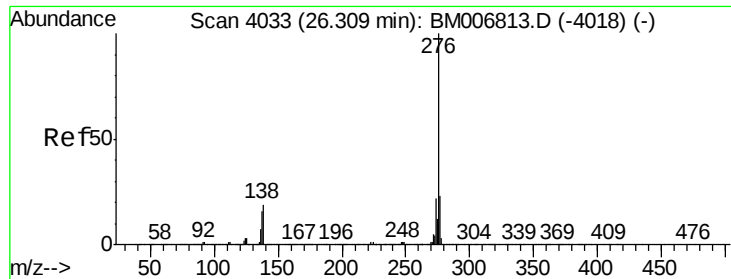
Acq: 01 Aug 2016 08:39

Tgt Ion:	278	Resp:	88769
Ion Ratio	Lower	Upper	
278	100		
139	22.1	12.1	18.1#
279	30.3	19.8	29.8#



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





#41
 Benzo(g,h,i)perylene
 Concen: 3.87 ng/ul
 RT: 26.31 min Scan# 4033
 Delta R.T. 0.02 min
 Lab File: BM006816.D
 Acq: 01 Aug 2016 08:39

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5MSD

Tgt Ion:	276	Resp:	353337
Ion Ratio		Lower	Upper
276	100		
138	19.8	13.9	20.9
277	23.8	19.8	29.6

Manual Integrations
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