

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006815.D
 Acq On : 01 Aug 2016 08:02
 Operator : UM/SJ
 Sample : H4189-17MS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5MS

Manual Integrations
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Quant Time: Aug 01 13:31:37 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	242650	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	1054004	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	578685	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1266958	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1334568	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1419428	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.12	96	9334	1.56	ng/uL	0.00
3) Phenol-d5	6.79	99	391386	18.96	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	274825	21.49	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	328122	19.89	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	229877	14.36	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	174642	21.89	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	193894	22.85	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	322844	20.14	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	329641	18.67	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	1010368	22.27	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1298397	22.42	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	140445	17.82	ng/ul	0.01
21) Fluorene-d10	15.26	176	891981	21.98	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	114513	17.41	ng/ul	0.01
26) Anthracene-d10	17.12	188	1427340	23.73	ng/ul	0.00
30) Pyrene-d10	19.42	212	1598104	26.28	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1621293	24.83	ng/ul	0.00

Target Compounds

						Qvalue
19) Acenaphthene	14.32	153	796906	19.99	ng/ul	95
25) Phenanthrene	17.06	178	359629	5.05	ng/ul	98
27) Anthracene	17.14	178	87028	1.19	ng/ul	98
28) Fluoranthene	19.08	202	818115	9.77	ng/ul	99
31) Pyrene	19.45	202	2504091	30.99	ng/ul#	96
32) Benzo(a)anthracene	21.20	228	384228	4.75	ng/ul	97
33) Chrysene	21.26	228	407053	5.46	ng/ul	98
35) Benzo(b)fluoranthene	22.77	252	643818	7.57	ng/ul	99
36) Benzo(k)fluoranthene	22.80	252	153349m	1.86	ng/ul	
38) Benzo(a)pyrene	23.33	252	407241	4.92	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.63	276	335764	3.50	ng/ul	98
40) Dibenzo(a,h)anthracene	25.63	278	80360	1.01	ng/ul#	87
41) Benzo(g,h,i)perylene	26.31	276	321601	3.91	ng/ul	98

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

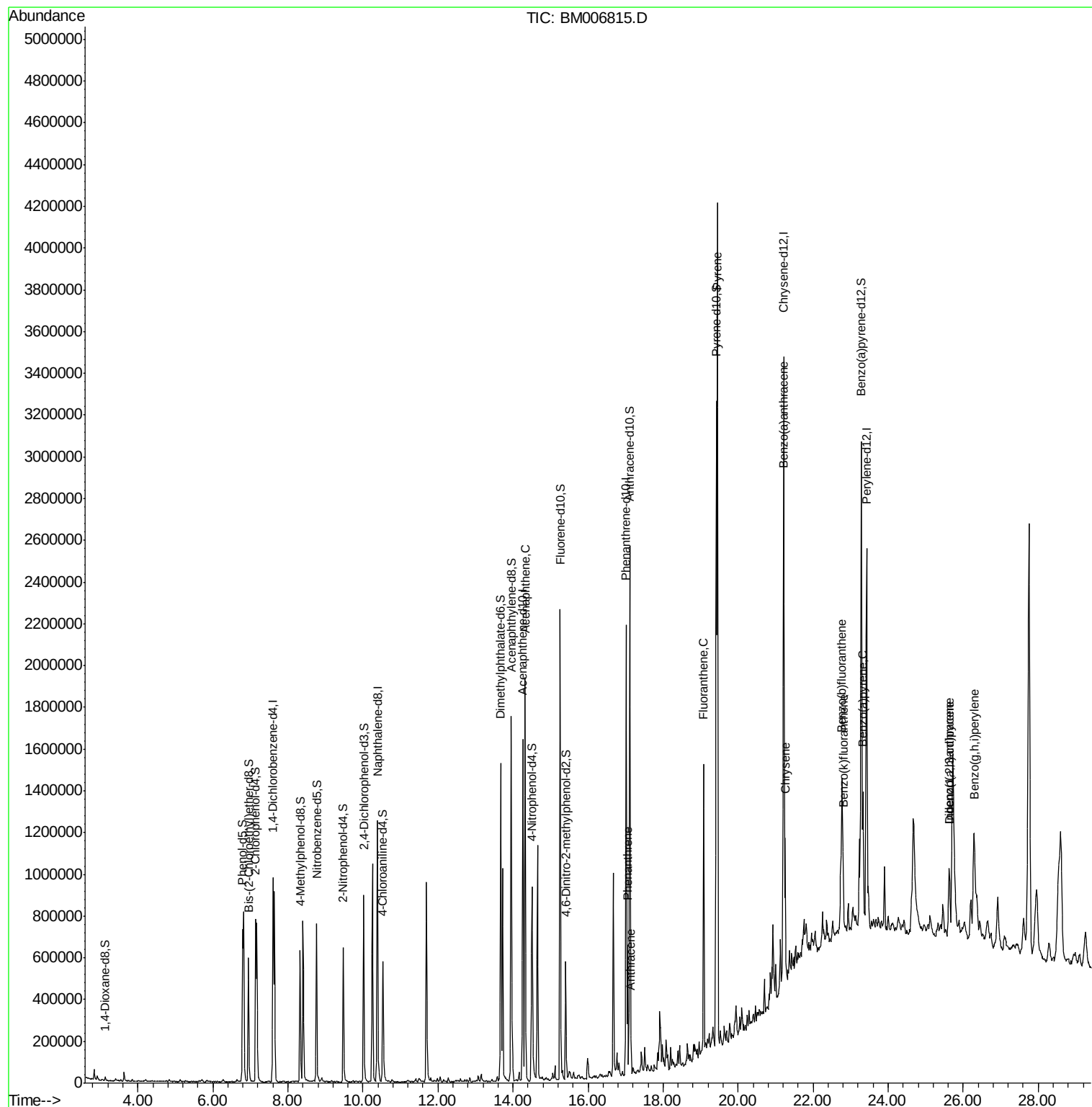
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006815.D
Acq On : 01 Aug 2016 08:02
Operator : UM/SJ
Sample : H4189-17MS
Misc :
ALS Vial : 82 Sample Multiplier: 1

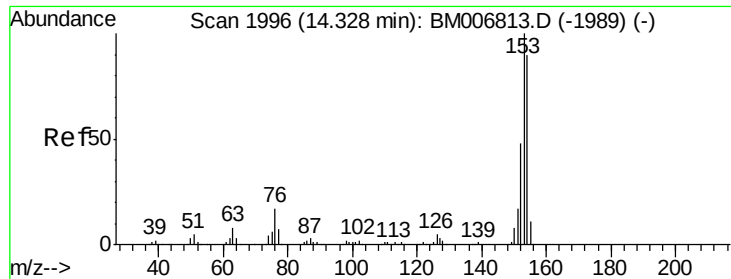
Instrument :
BNA_M
ClientSampleId :
D9ZQ5MS

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Quant Time: Aug 01 13:31:37 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: 19.99 ng/ul

RT: 14.32 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BM006815.D

Acq: 01 Aug 2016 08:02

Instrument :

BNA_M

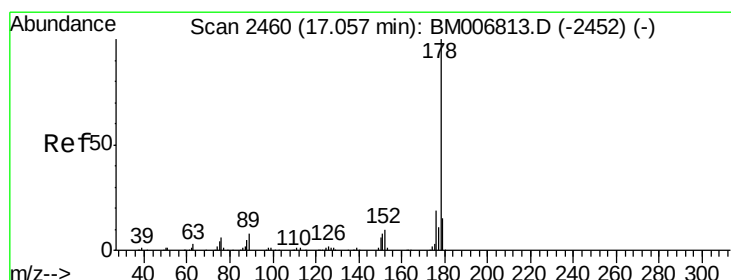
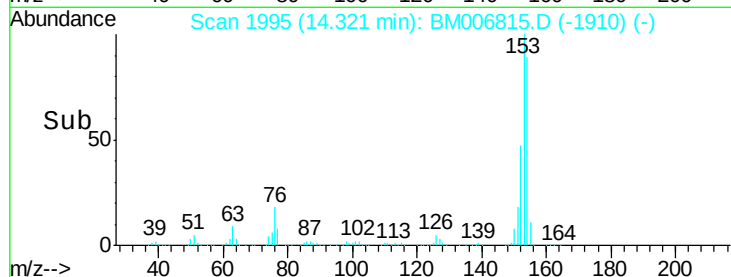
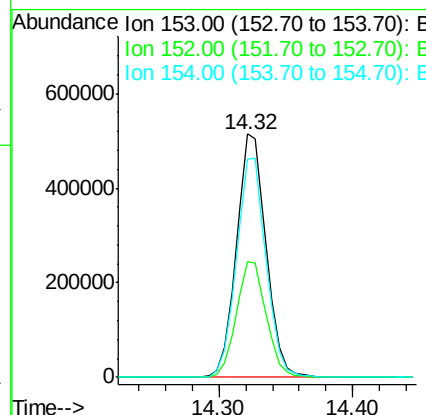
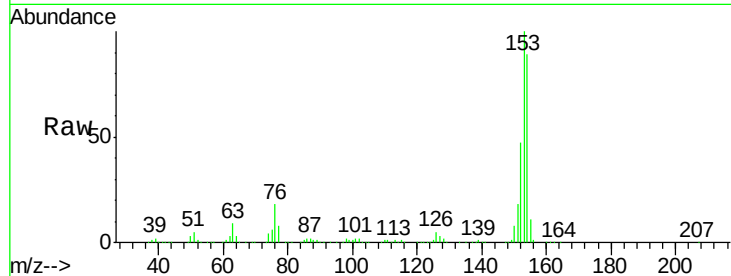
ClientSampleId :

D9ZQ5MS

Tgt Ion:	153	Resp:	796906
Ion Ratio	Lower	Upper	
153	100		
152	47.5	36.5	54.7
154	89.4	67.3	100.9

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#25

Phenanthrene

Concen: 5.05 ng/ul

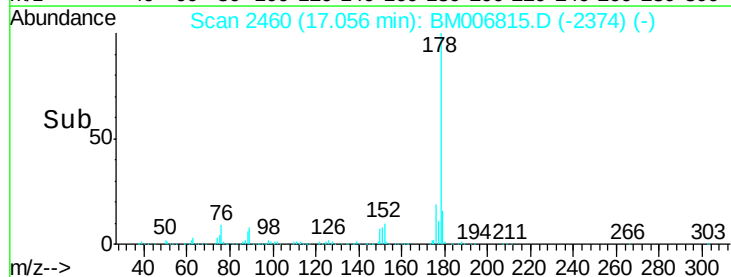
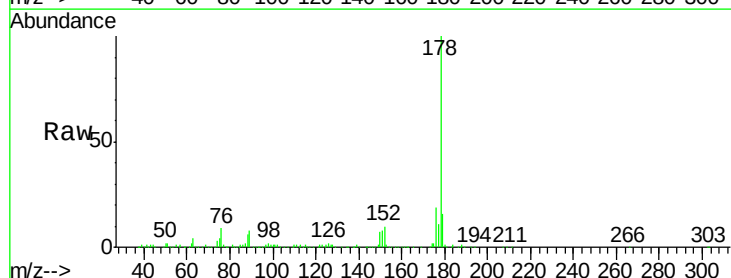
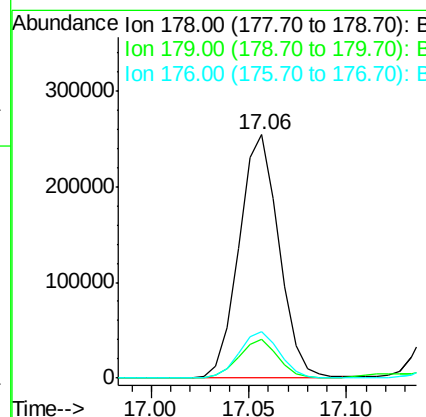
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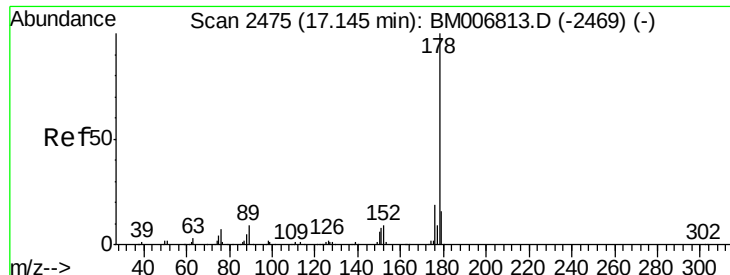
Delta R.T. 0.01 min

Lab File: BM006815.D

Acq: 01 Aug 2016 08:02

Tgt Ion:	178	Resp:	359629
Ion Ratio	Lower	Upper	
178	100		
179	15.9	11.8	17.8
176	19.2	14.8	22.2





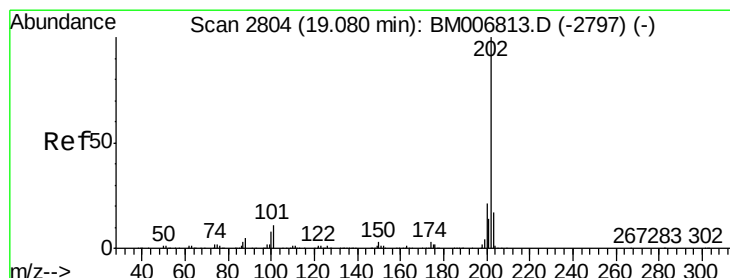
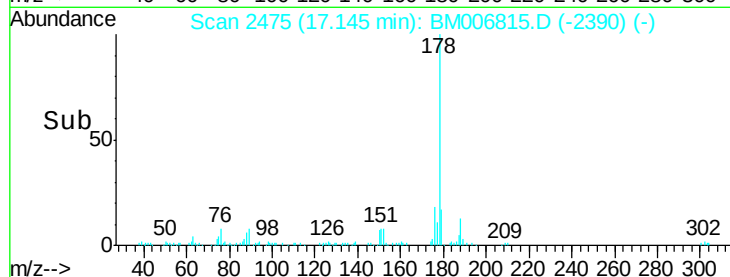
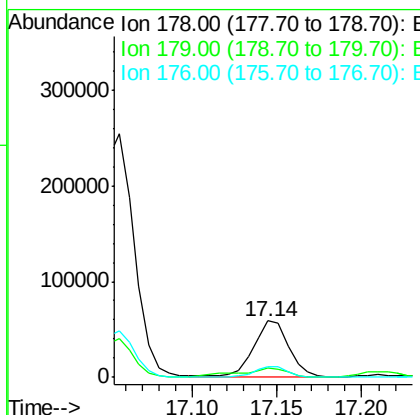
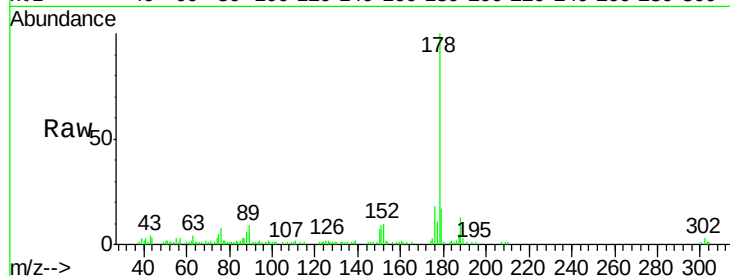
#27
 Anthracene
 Concen: 1.19 ng/ul
 RT: 17.14 min Scan# 2475
 Delta R.T. -0.00 min
 Lab File: BM006815.D
 Acq: 01 Aug 2016 08:02

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5MS

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.9	19.3
176	18.3	15.6	23.4

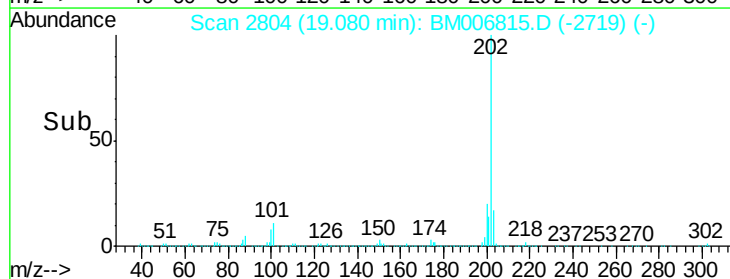
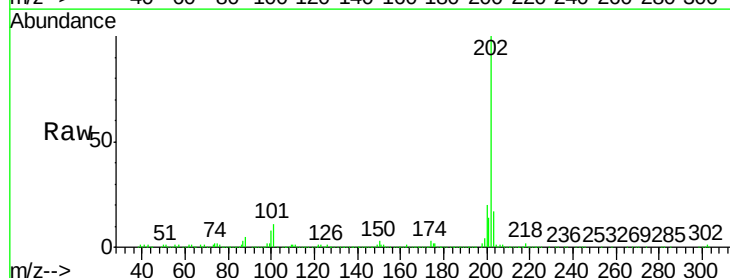
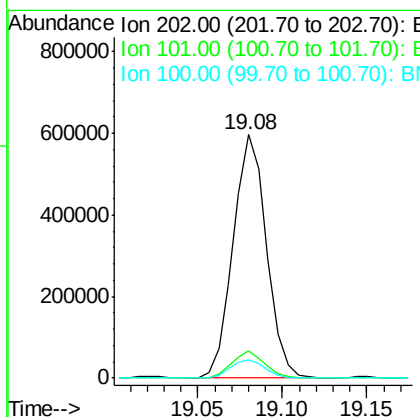
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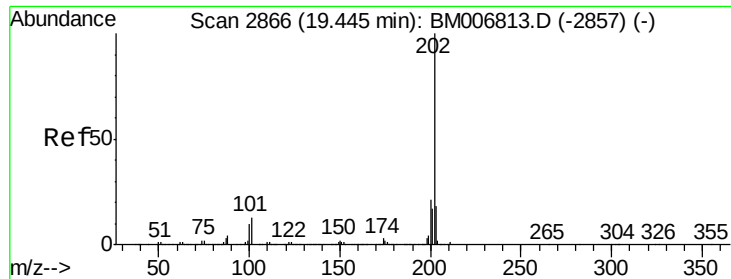
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#28
 Fluoranthene
 Concen: 9.77 ng/ul
 RT: 19.08 min Scan# 2804
 Delta R.T. 0.00 min
 Lab File: BM006815.D
 Acq: 01 Aug 2016 08:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	7.8	7.0	10.4





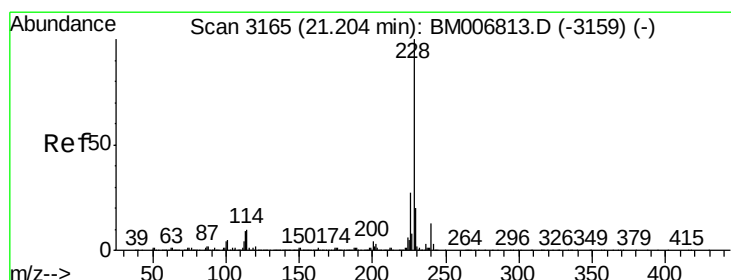
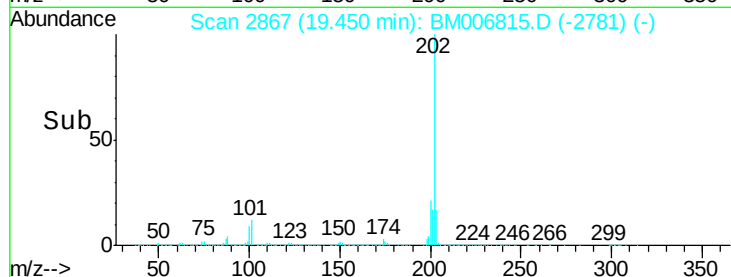
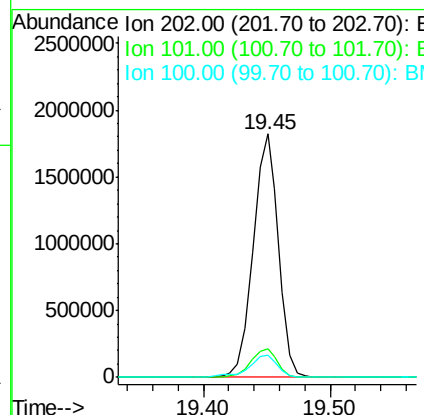
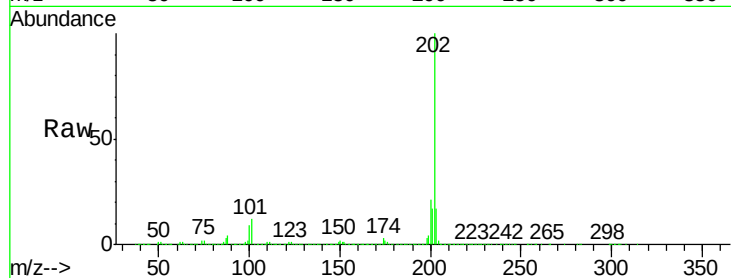
#31
 Pyrene
 Concen: 30.99 ng/ul
 RT: 19.45 min Scan# 2867
 Delta R.T. 0.01 min
 Lab File: BM006815.D
 Acq: 01 Aug 2016 08:02

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	9.8	14.8
100	9.0	9.3	13.9

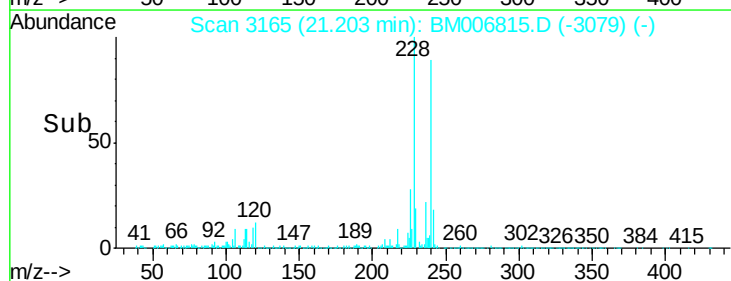
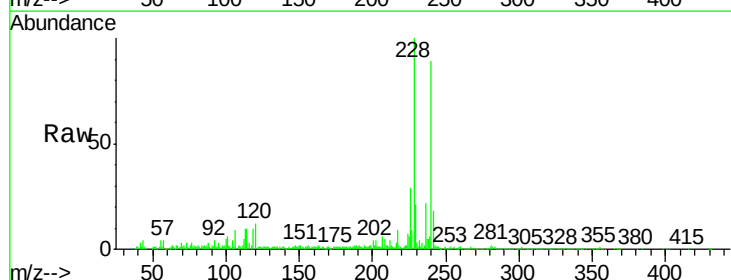
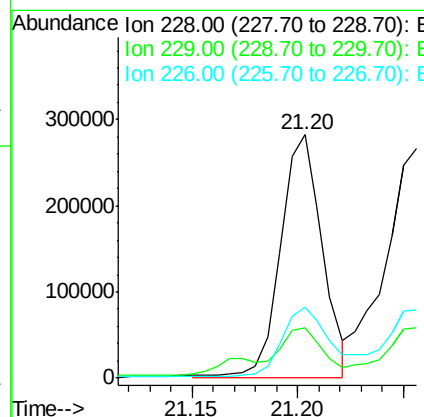
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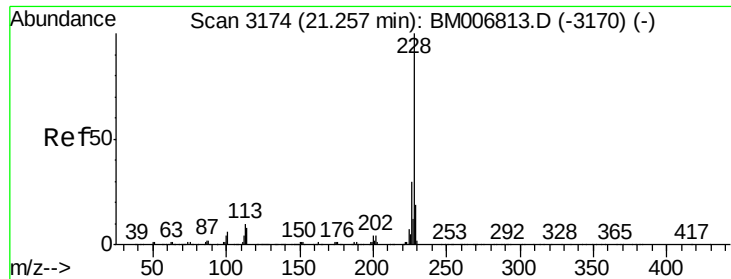
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#32
 Benzo(a)anthracene
 Concen: 4.75 ng/ul
 RT: 21.20 min Scan# 3165
 Delta R.T. 0.01 min
 Lab File: BM006815.D
 Acq: 01 Aug 2016 08:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	16.6	25.0
226	28.9	21.0	31.4





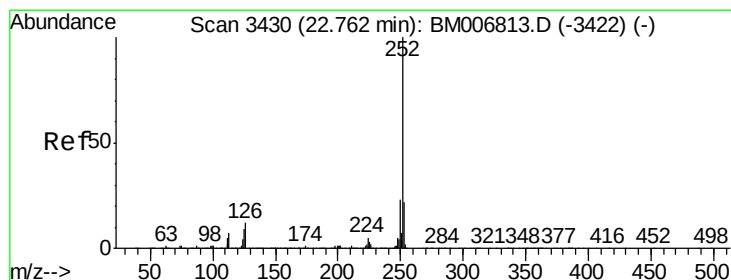
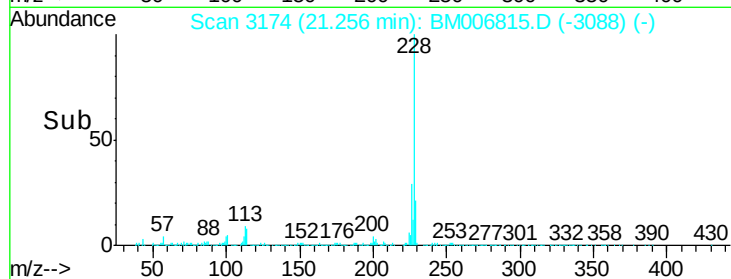
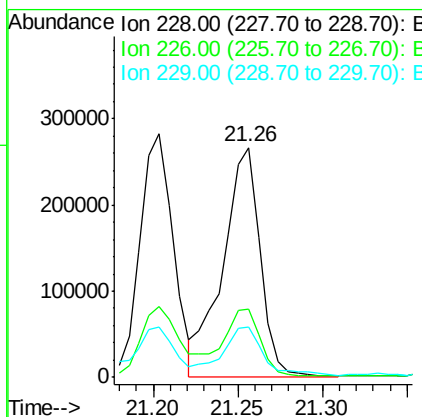
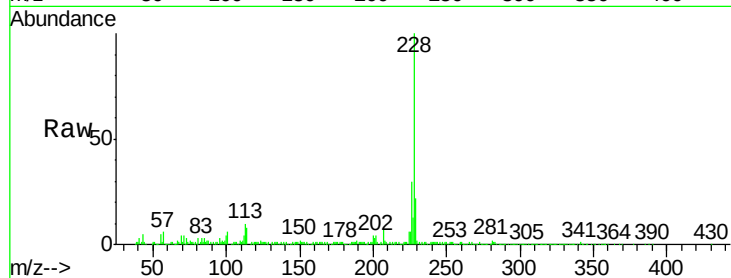
#33
Chrysene
 Concen: 5.46 ng/ul
 RT: 21.26 min Scan# 3174
 Delta R.T. 0.01 min
 Lab File: BM006815.D
 Acq: 01 Aug 2016 08:02

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5MS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	407053		
226	29.7		23.4	35.2
229	21.7		16.2	24.2

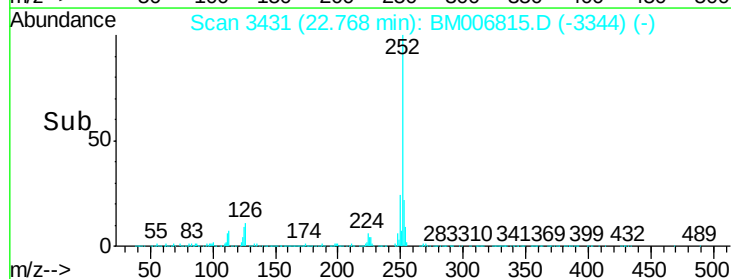
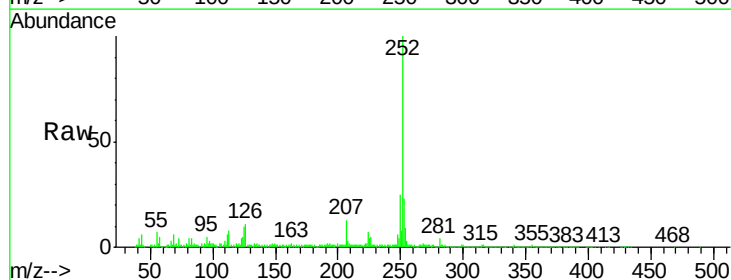
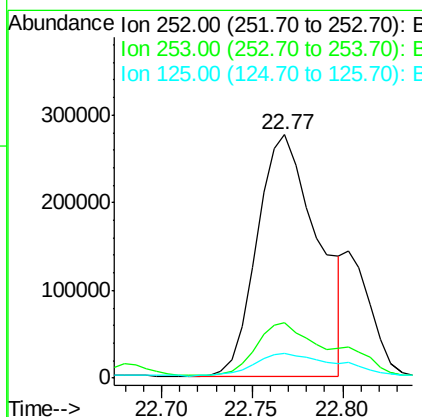
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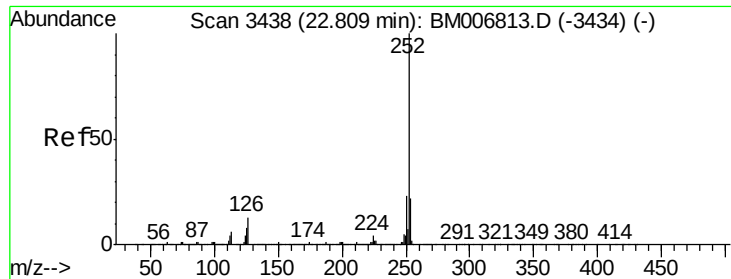
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#35
Benzo(b)fluoranthene
 Concen: 7.57 ng/ul
 RT: 22.77 min Scan# 3431
 Delta R.T. 0.01 min
 Lab File: BM006815.D
 Acq: 01 Aug 2016 08:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	643818		
253	22.8		18.1	27.1
125	10.0		7.6	11.4





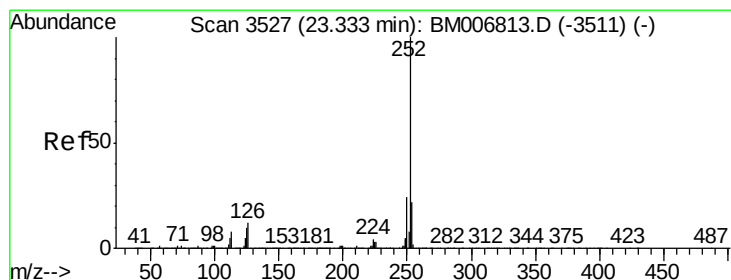
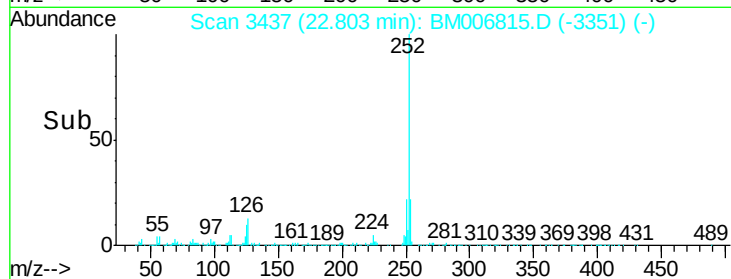
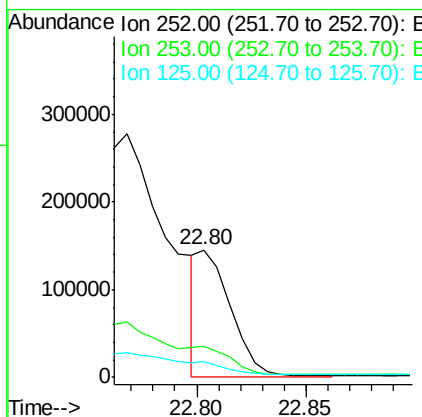
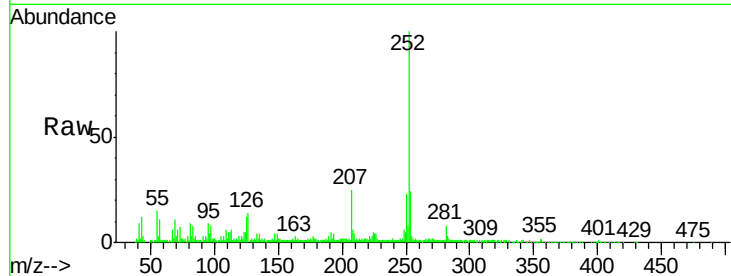
#36
Benzo(k)fluoranthene
Concen: 1.86 ng/ul m
RT: 22.80 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM006815.D
Acq: 01 Aug 2016 08:02

Instrument :
BNA_M
ClientSampleId :
D9ZQ5MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	153349		
253	24.1	17.8	26.8	
125	11.9	7.7	11.5#	

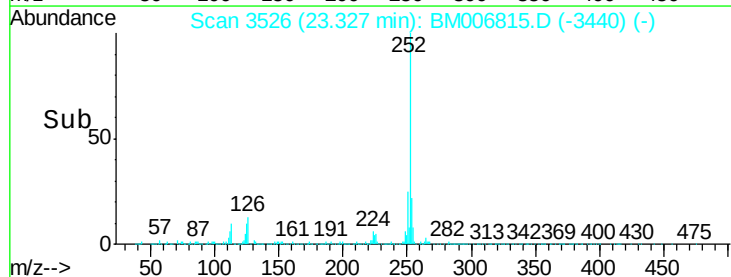
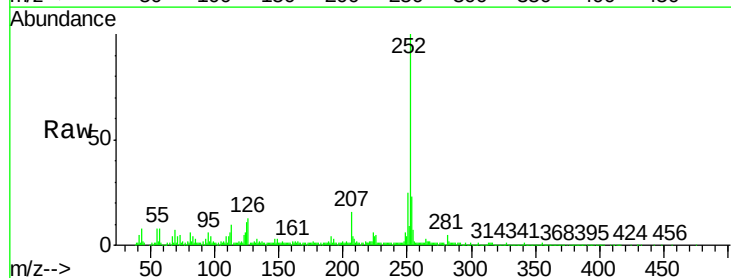
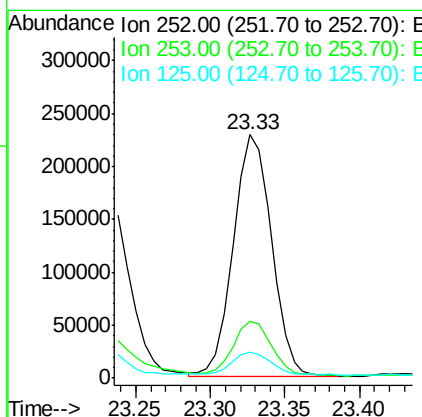
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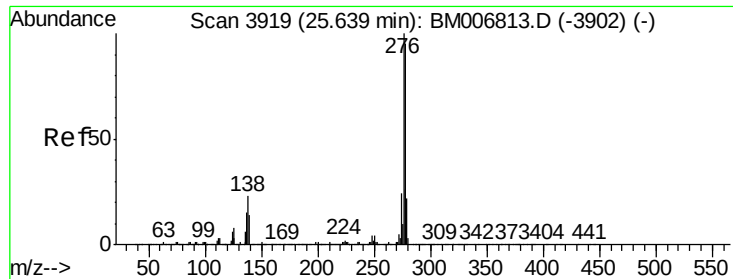
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#38
Benzo(a)pyrene
Concen: 4.92 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BM006815.D
Acq: 01 Aug 2016 08:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	407241		
253	23.4	17.4	26.0	
125	10.8	8.2	12.2	





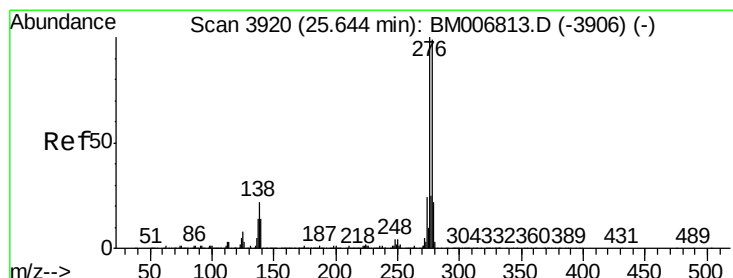
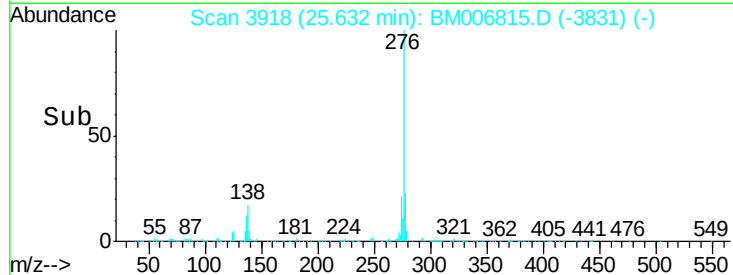
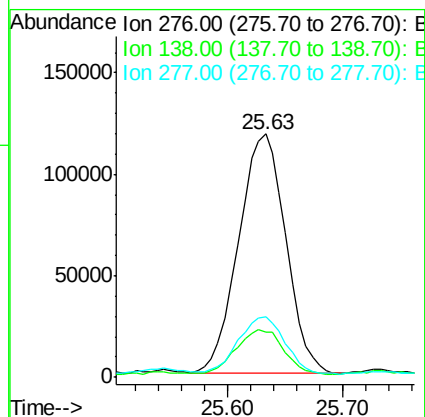
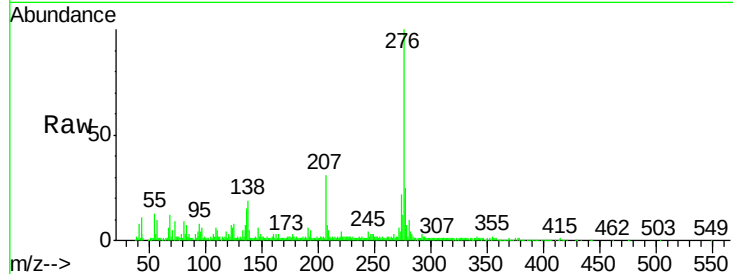
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 Indeno(1,2,3-cd)pyrene
 Concen: 3.50 ng/ul
 RT: 25.63 min Scan# 3918
 Delta R.T. 0.01 min
 Lab File: BM006815.D
 Acq: 01 Aug 2016 08:02

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.8	23.6
277	25.1	19.0	28.6

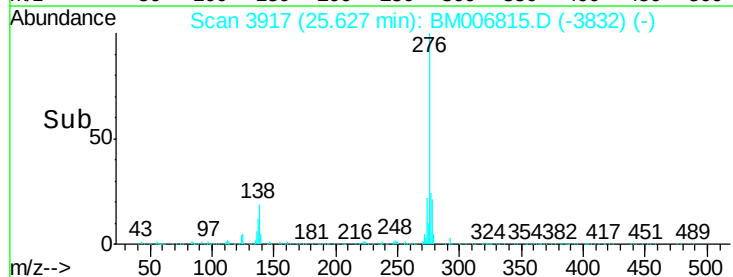
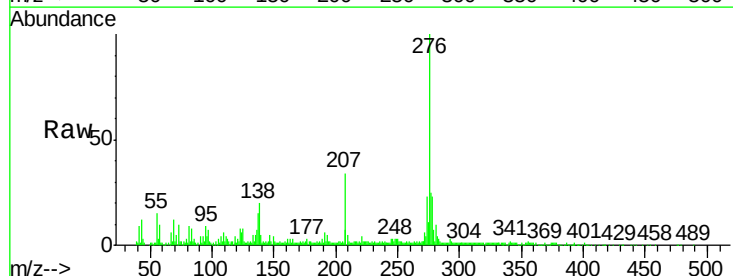
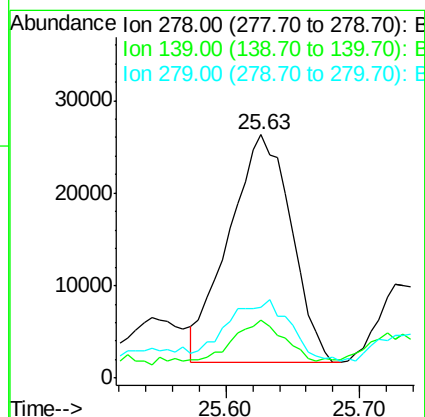
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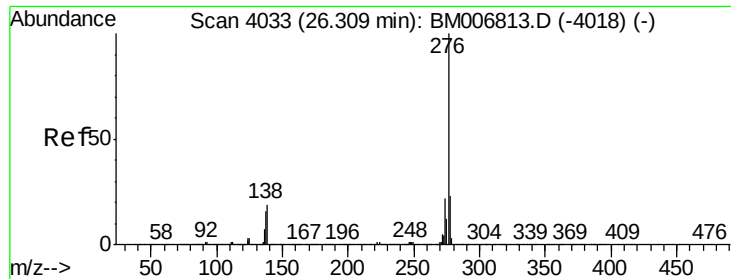
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#40
 Dibenzo(a,h)anthracene
 Concen: 1.01 ng/ul
 RT: 25.63 min Scan# 3917
 Delta R.T. 0.00 min
 Lab File: BM006815.D
 Acq: 01 Aug 2016 08:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	12.1	18.1#
279	29.3	19.8	29.8





#41
 Benzo(g,h,i)perylene
 Concen: 3.91 ng/ul
 RT: 26.31 min Scan# 4033
 Delta R.T. 0.02 min
 Lab File: BM006815.D
 Acq: 01 Aug 2016 08:02

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5MS

Tgt Ion:	276	Resp:	321601
Ion Ratio	Lower	Upper	
276	100		
138	19.1	13.9	20.9
277	24.5	19.8	29.6

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