

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
 Data File : BM006087.D
 Acq On : 28 Jun 2016 01:33
 Operator : UM/SJ
 Sample : H3779-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YD5

Manual Integrations
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Quant Time: Jun 28 04:16:43 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	285398	20.00	ng/ul	0.00
7) Naphthalene-d8	10.45	136	1408809	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	879556	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	2105666	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	1870389	20.00	ng/ul	0.00
34) Perylene-d12	23.49	264	1690482	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	4443	0.70	ng/uL	0.00
3) Phenol-d5	6.83	99	306896	10.22	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	168794	10.11	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	225393	10.78	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	250385	9.88	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	115159m	10.74	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	118056	9.89	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.07	165	254339	11.11	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	180832	7.28	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	774253	10.28	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1025481	11.74	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	137594	8.57	ng/ul	0.00
21) Fluorene-d10	15.30	176	749208	11.65	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	28829	2.47	ng/ul	0.00
26) Anthracene-d10	17.16	188	1215507	12.57	ng/ul	0.00
30) Pyrene-d10	19.46	212	1331265	16.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.34	264	957008	12.54	ng/ul	0.00

Target Compounds

						Qvalue
18) Acenaphthylene	14.03	152	116370	1.26	ng/ul	99
25) Phenanthrene	17.10	178	925094	8.17	ng/ul	100
27) Anthracene	17.19	178	275240	2.35	ng/ul	99
28) Fluoranthene	19.13	202	2599885	17.92	ng/ul	98
31) Pyrene	19.49	202	2069551	19.33	ng/ul	95
32) Benzo(a)anthracene	21.24	228	1173078	10.56	ng/ul	97
33) Chrysene	21.29	228	1107033	10.91	ng/ul	96
35) Benzo(b)fluoranthene	22.82	252	1499723	15.27	ng/ul	96
36) Benzo(k)fluoranthene	22.85	252	490380m	5.37	ng/ul	
38) Benzo(a)pyrene	23.39	252	961595	10.21	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.72	276	729877	6.50	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.71	278	192520	2.06	ng/ul#	83
41) Benzo(g,h,i)perylene	26.40	276	656758	6.76	ng/ul	96

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

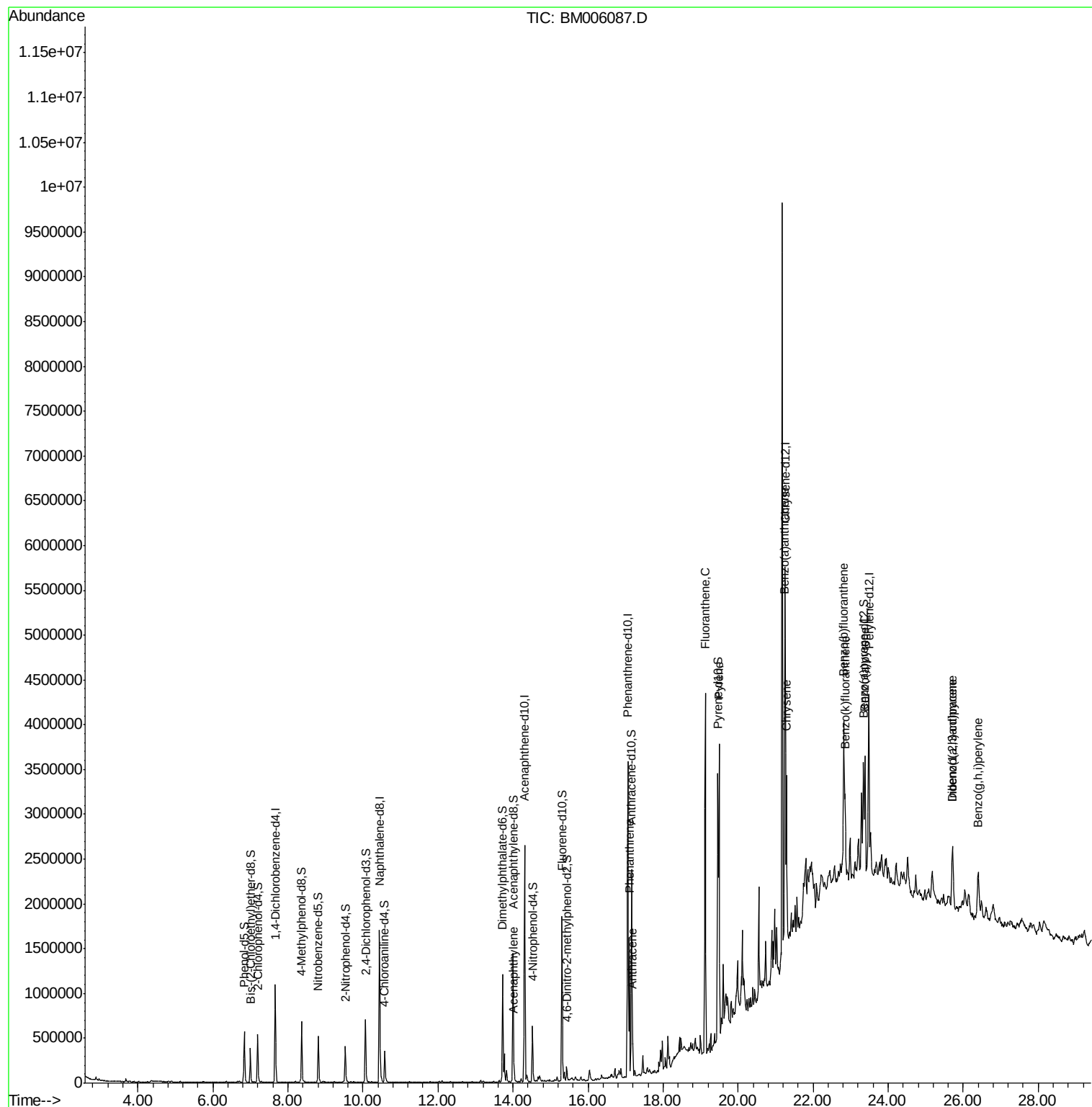
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006087.D
Acq On : 28 Jun 2016 01:33
Operator : UM/SJ
Sample : H3779-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

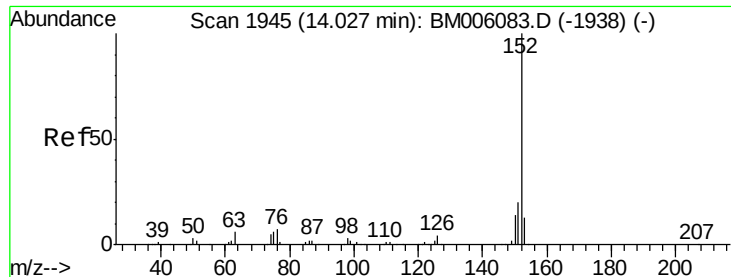
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 28 04:16:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration





#18

Acenaphthylene

Concen: 1.26 ng/ul

RT: 14.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BM006087.D

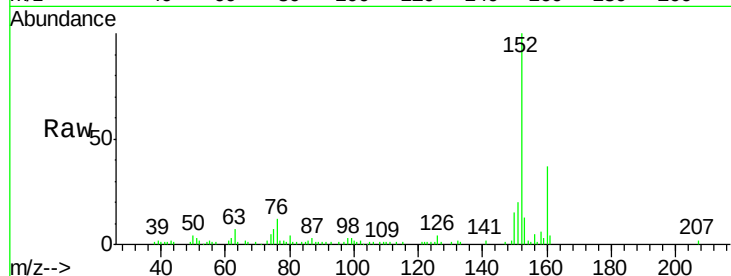
Acq: 28 Jun 2016 01:33

Instrument :

BNA_M

ClientSampleId :

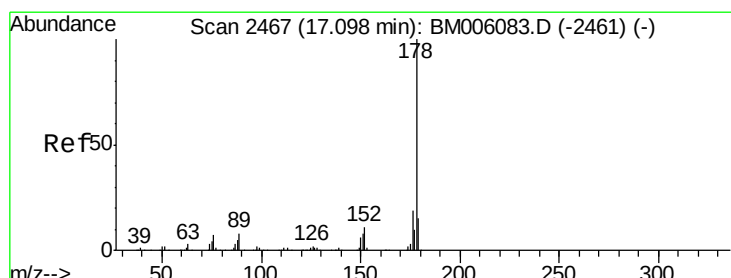
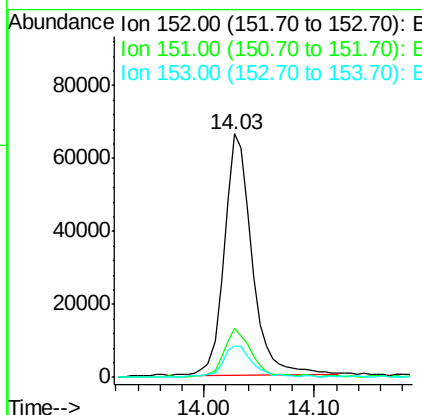
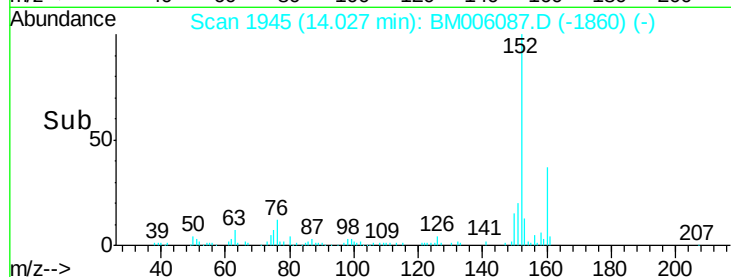
D9YD5



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	12.7	10.3	15.5

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#25

Phenanthrene

Concen: 8.17 ng/ul

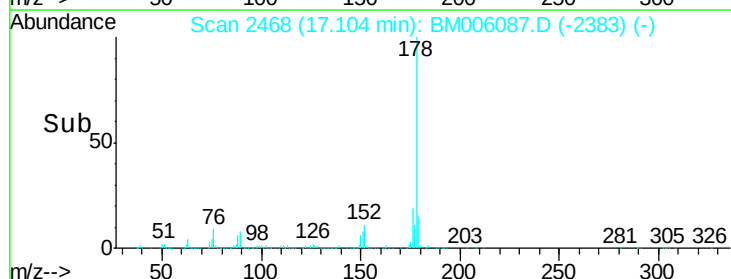
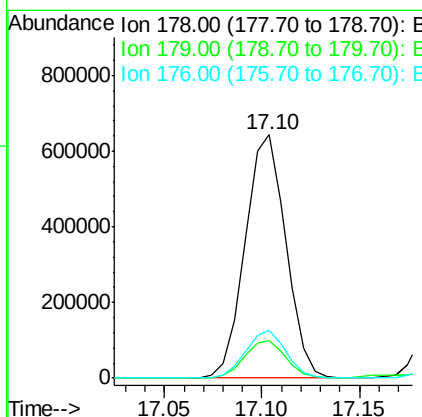
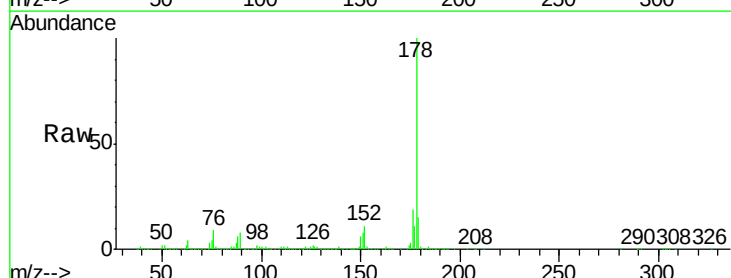
RT: 17.10 min Scan# 2468

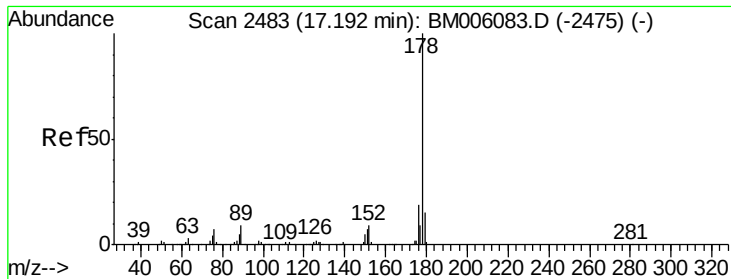
Delta R.T. 0.00 min

Lab File: BM006087.D

Acq: 28 Jun 2016 01:33

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





#27

Anthracene

Concen: 2.35 ng/ul

RT: 17.19 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BM006087.D

Acq: 28 Jun 2016 01:33

Instrument :

BNA_M

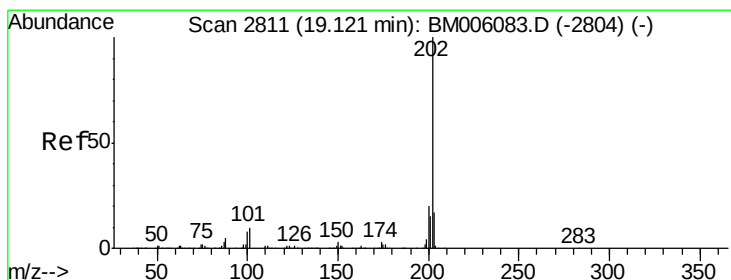
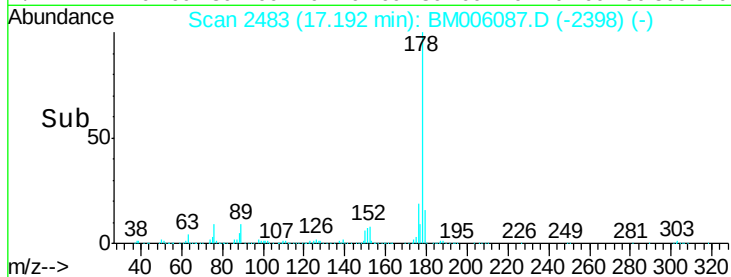
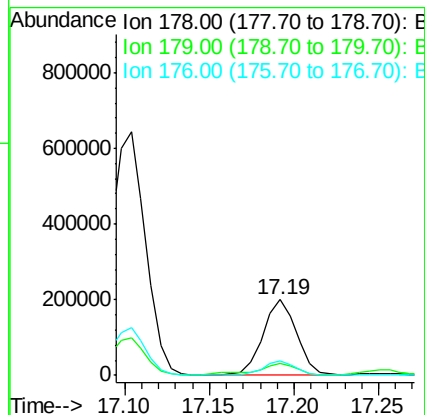
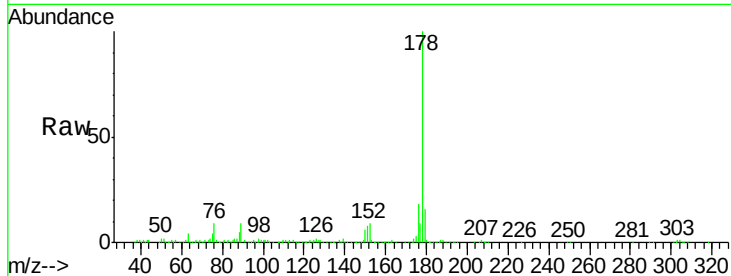
ClientSampleId :

D9YD5

Tgt Ion:	178	Resp:	275240
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	18.5	14.6	22.0

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#28

Fluoranthene

Concen: 17.92 ng/ul

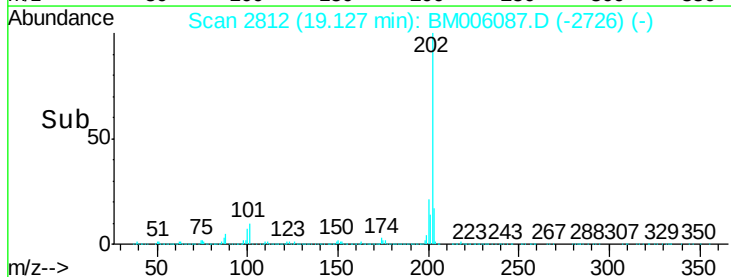
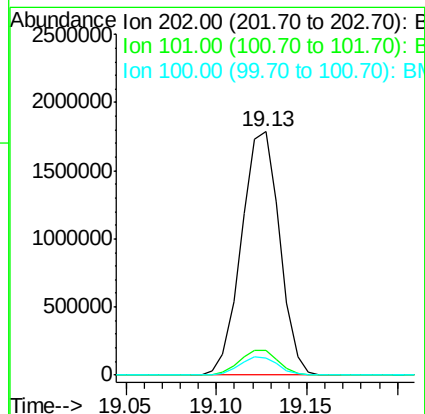
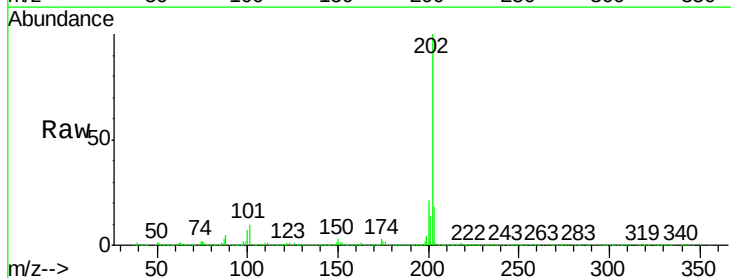
RT: 19.13 min Scan# 2812

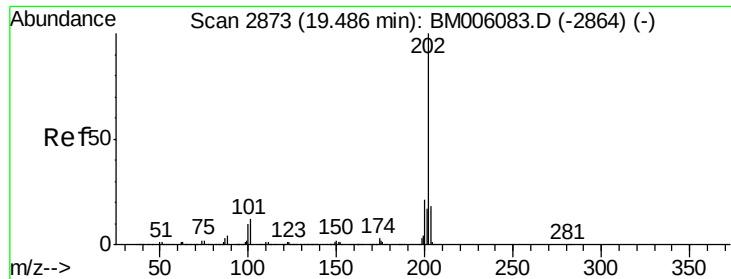
Delta R.T. 0.01 min

Lab File: BM006087.D

Acq: 28 Jun 2016 01:33

Tgt Ion:	202	Resp:	2599885
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.5	12.7
100	7.3	6.5	9.7





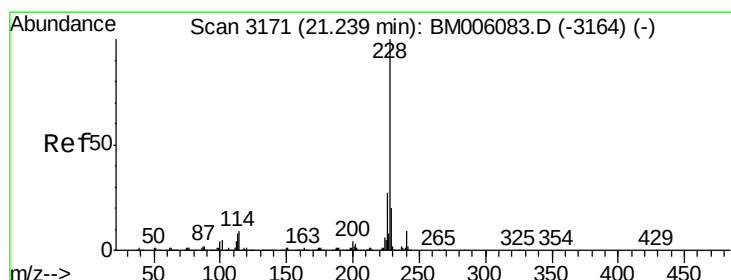
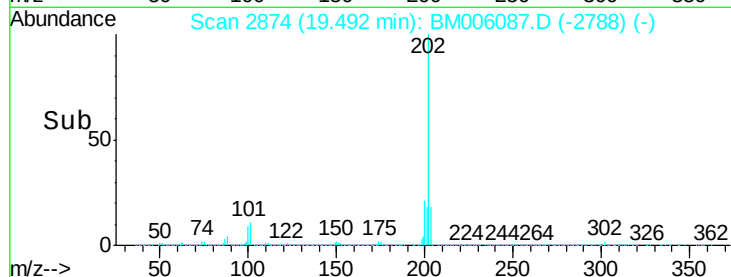
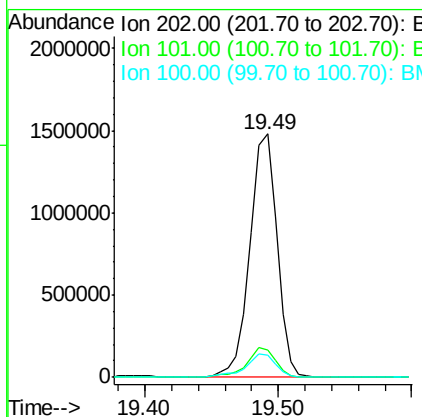
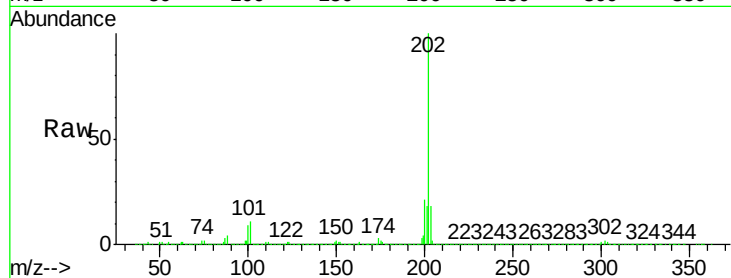
#31
 Pyrene
 Concen: 19.33 ng/ul
 RT: 19.49 min Scan# 2874
 Delta R.T. 0.01 min
 Lab File: BM006087.D
 Acq: 28 Jun 2016 01:33

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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2069551		
101	11.5		11.0	16.4
100	9.4		8.9	13.3

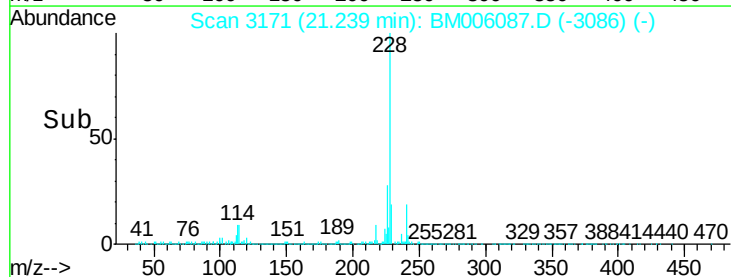
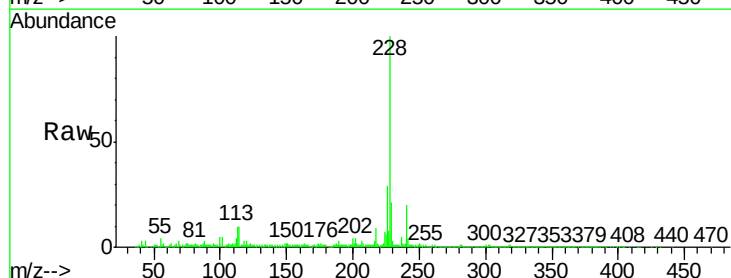
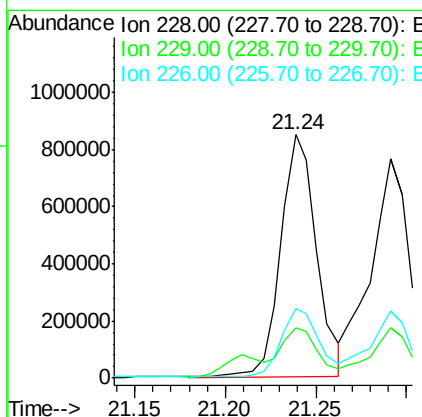
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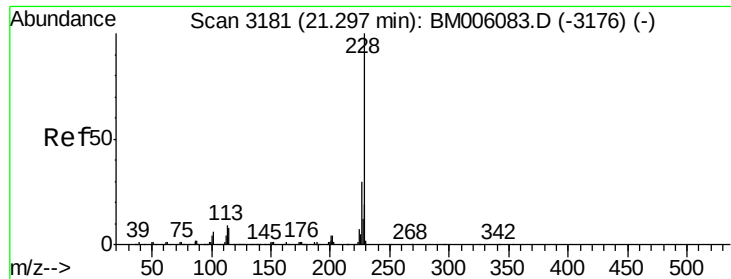
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#32
 Benzo(a)anthracene
 Concen: 10.56 ng/ul
 RT: 21.24 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BM006087.D
 Acq: 28 Jun 2016 01:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1173078		
229	20.7		15.6	23.4
226	28.5		21.6	32.4





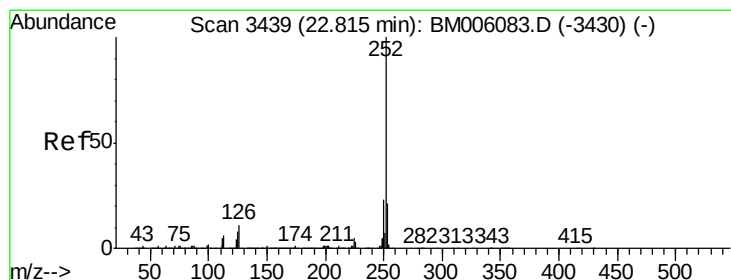
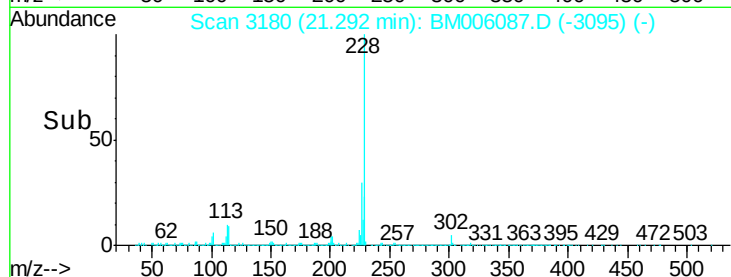
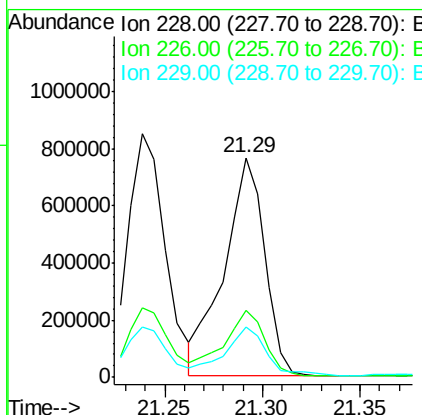
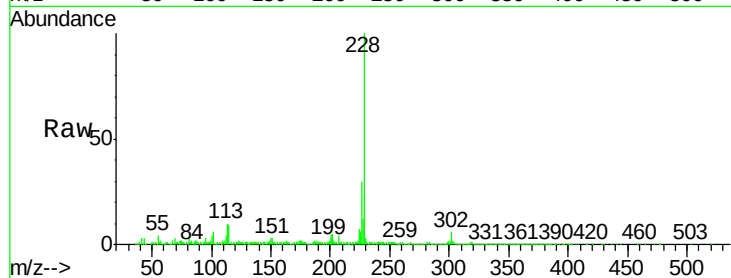
#33
 Chrysene
 Concen: 10.91 ng/ul
 RT: 21.29 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: BM006087.D
 Acq: 28 Jun 2016 01:33

Instrument :
 BNA_M
 ClientSampleId :
 D9YD5

Tgt Ion:228 Resp: 1107033
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.8 35.6
 229 23.0 15.8 23.6

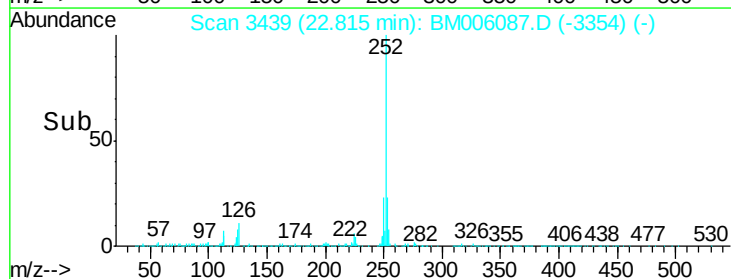
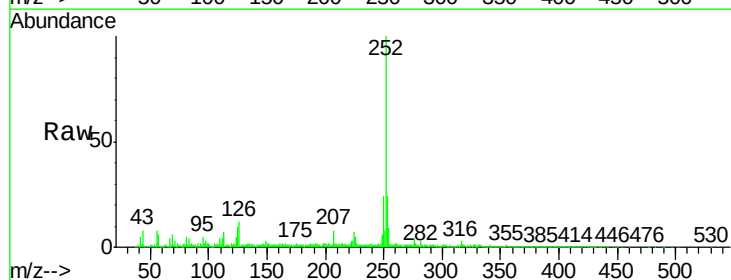
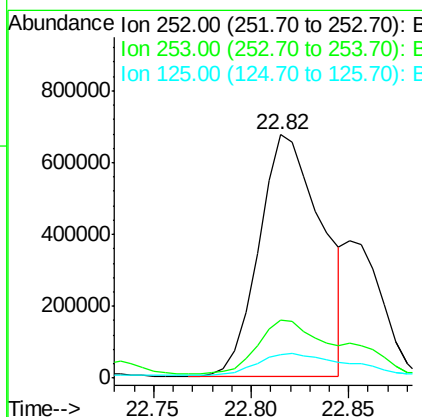
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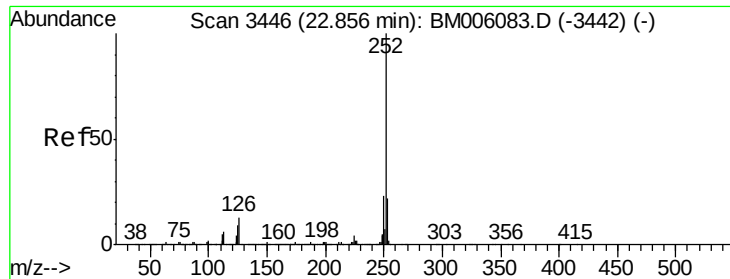
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#35
 Benzo(b)fluoranthene
 Concen: 15.27 ng/ul
 RT: 22.82 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: BM006087.D
 Acq: 28 Jun 2016 01:33

Tgt Ion:252 Resp: 1499723
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.2 25.8
 125 9.7 7.8 11.6





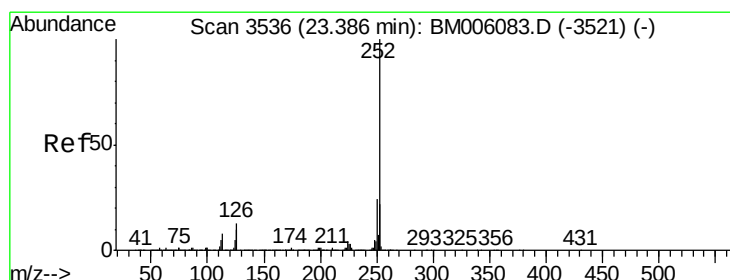
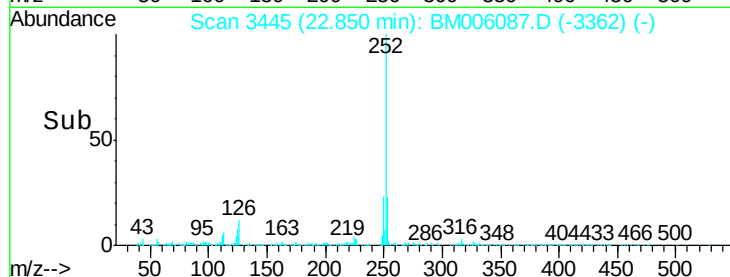
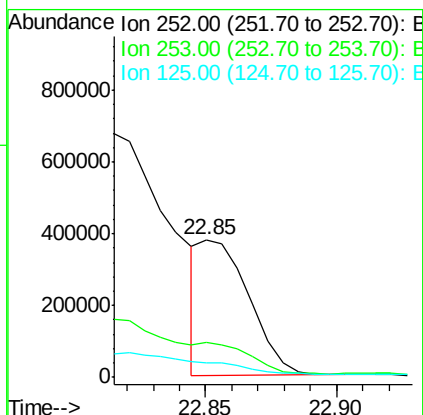
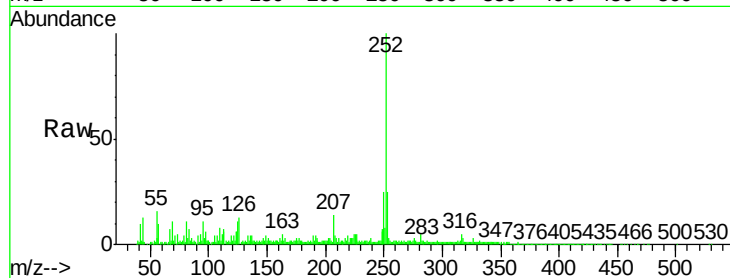
#36
Benzo(k)fluoranthene
Concen: 5.37 ng/ul m
RT: 22.85 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	490380		
253	25.0	17.6	26.4	
125	10.9	8.1	12.1	

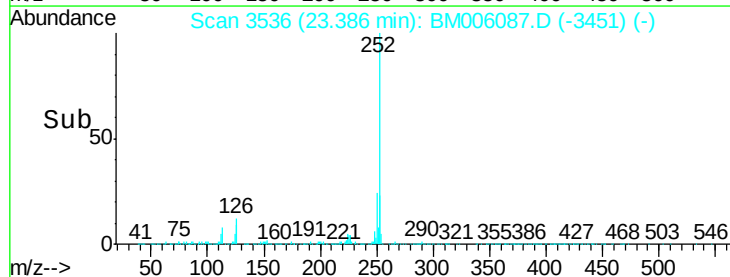
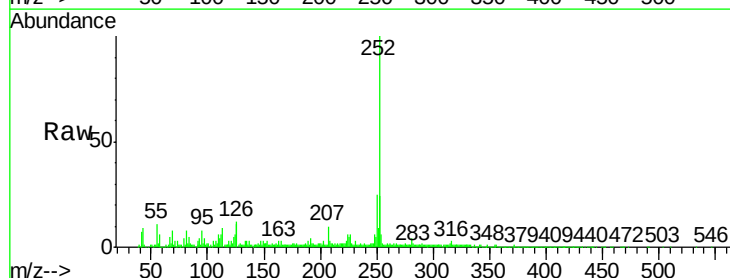
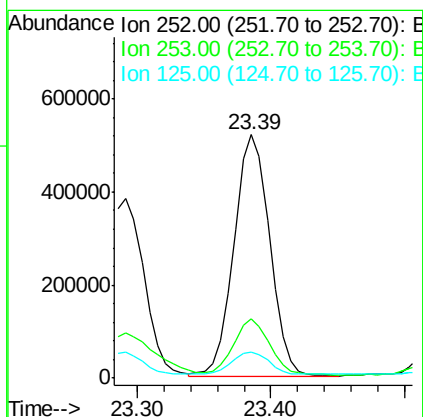
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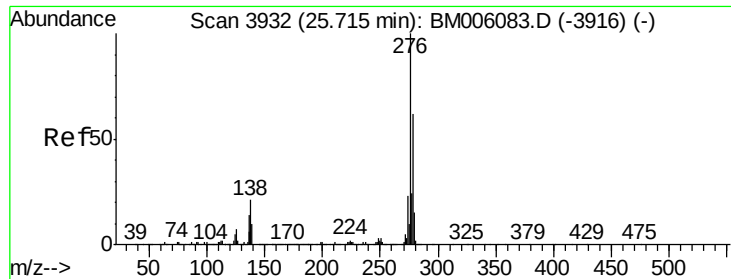
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#38
Benzo(a)pyrene
Concen: 10.21 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BM006087.D
Acq: 28 Jun 2016 01:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	961595		
253	24.1	17.8	26.6	
125	10.8	8.7	13.1	





#39

Indeno(1,2,3-cd)pyrene

Concen: 6.50 ng/ul

RT: 25.72 min Scan# 3933

Delta R.T. 0.00 min

Lab File: BM006087.D

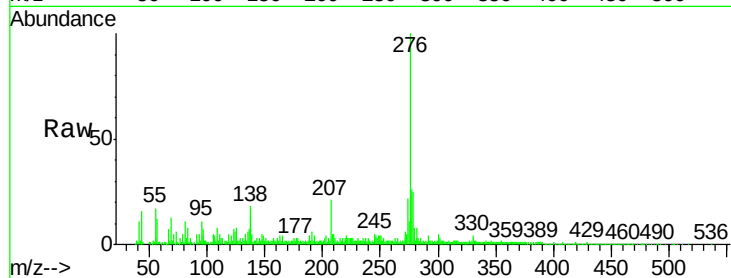
Acq: 28 Jun 2016 01:33

Instrument :

BNA_M

ClientSampleId :

D9YD5



Tgt Ion: 276 Resp: 729877

Ion Ratio Lower Upper

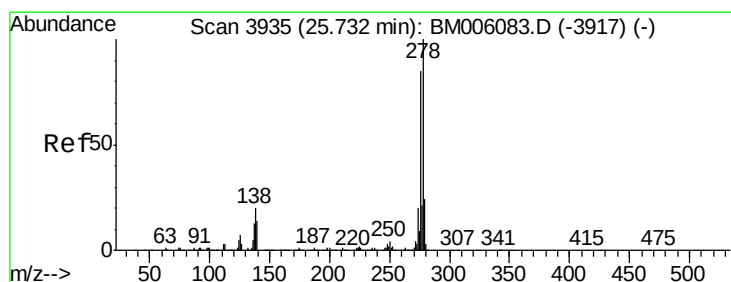
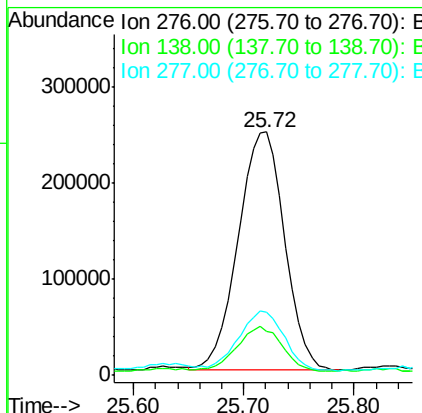
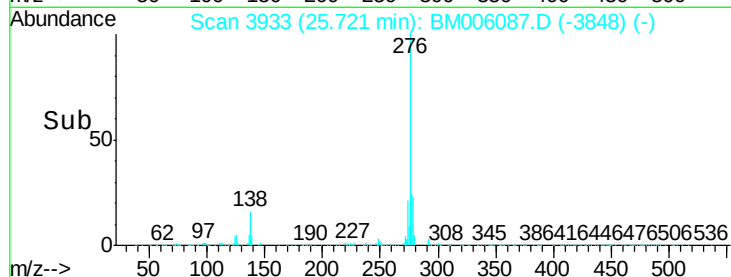
276 100

138 18.3 20.4 30.6#

277 25.9 20.6 30.8

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#40

Dibenzo(a,h)anthracene

Concen: 2.06 ng/ul

RT: 25.71 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BM006087.D

Acq: 28 Jun 2016 01:33

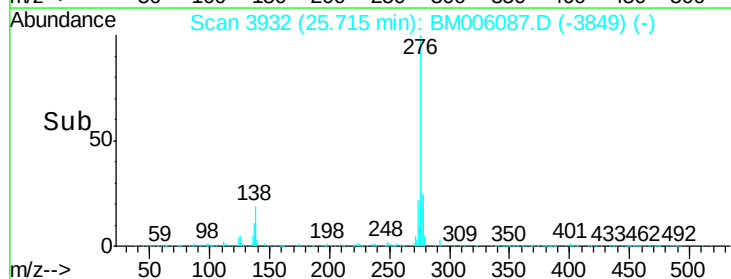
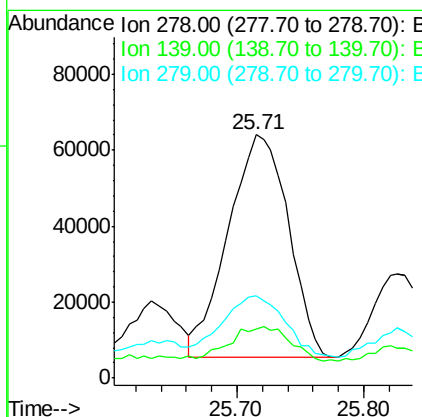
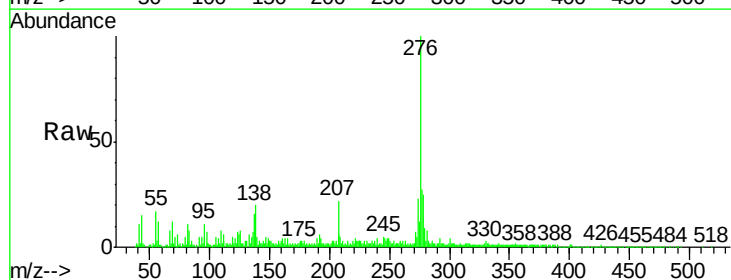
Tgt Ion: 278 Resp: 192520

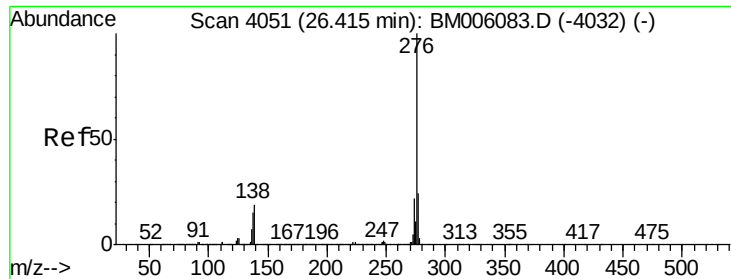
Ion Ratio Lower Upper

278 100

139 20.3 13.0 19.4#

279 34.0 18.8 28.2#





#41

Benzo(g,h,i)perylene

Concen: 6.76 ng/ul

RT: 26.40 min Scan# 4049

Delta R.T. 0.01 min

Lab File: BM006087.D

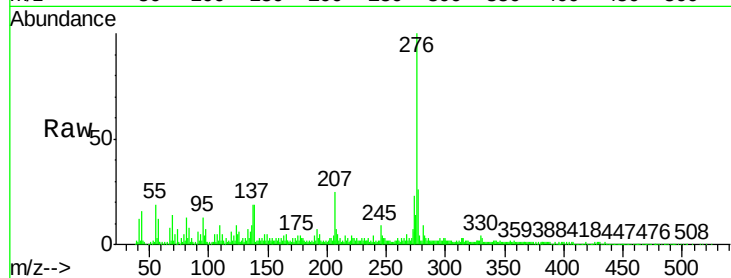
Acq: 28 Jun 2016 01:33

Instrument :

BNA_M

ClientSampleId :

D9YD5



Tgt	Ion	276	Resp:	656758
	Ratio	100	Lower	Upper
	276	100		
	138	19.3	16.6	25.0
	277	25.7	18.9	28.3

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