

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007404.D
 Acq On : 03 Sep 2016 13:10
 Operator : UM/SJ
 Sample : H4655-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0007

Manual Integrations
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Quant Time: Sep 05 03:55:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 05 01:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	213505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1000991	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	680254	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1744053	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2260848	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2085428	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	16229	3.89	ng/uL	0.00
5) Phenol-d5	6.96	99	376053	18.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	217887	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	305063	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	281740	16.02	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	164202	22.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	193649	22.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	349852	20.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	270082	12.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1239868	21.13	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1503390	22.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	203541	18.37	ng/ul	0.00
57) Fluorene-d10	15.42	176	1119614	22.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	184768	16.85	ng/ul	0.00
70) Anthracene-d10	17.27	188	1872669	22.99	ng/ul	0.00
76) Pyrene-d10	19.56	212	2331177	24.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2204502	22.95	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.88	163	817539	13.99	ng/ul	99
69) Phenanthrene	17.21	178	299869	3.20	ng/ul	97
74) Fluoranthene	19.23	202	698854	5.95	ng/ul	97
77) Pyrene	19.59	202	584226	4.82	ng/ul	97
78) Butylbenzylphthalate	20.49	149	58667	1.16	ng/ul	97
80) Benzo(a)anthracene	21.33	228	357426	2.68	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	76078	1.04	ng/ul#	99
82) Chrysene	21.39	228	321401	2.66	ng/ul	97
85) Benzo(b)fluoranthene	22.94	252	416269	3.38	ng/ul#	94
86) Benzo(k)fluoranthene	22.97	252	127360m	1.12	ng/ul	
88) Benzo(a)pyrene	23.52	252	278869	2.36	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	152175	1.05	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	130455	1.06	ng/ul	96

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

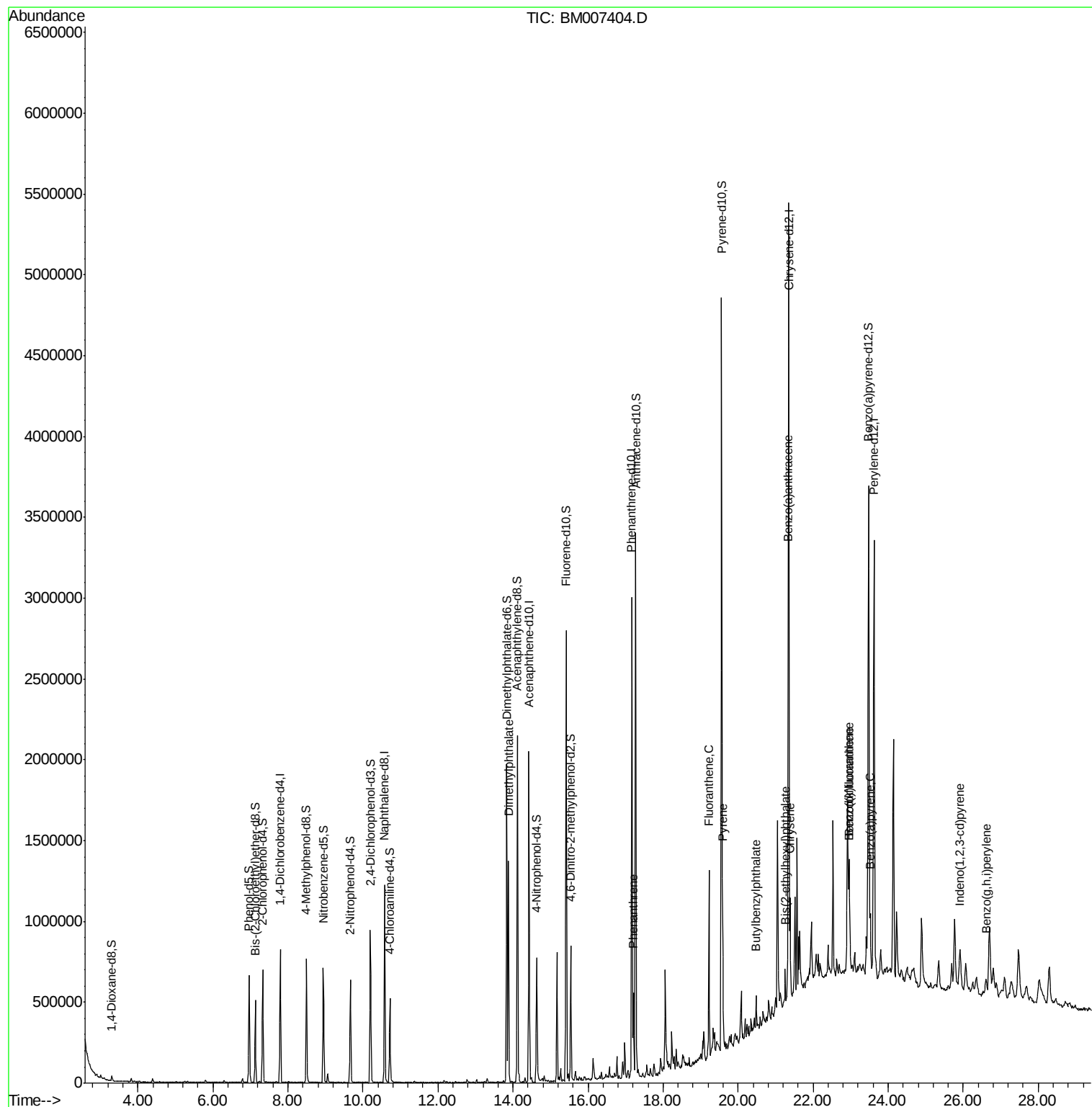
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007404.D
Acq On : 03 Sep 2016 13:10
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Sample : H4655-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

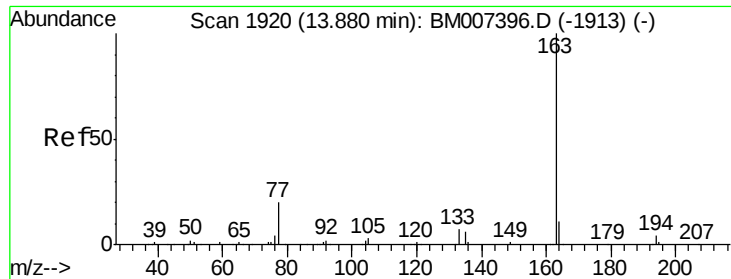
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
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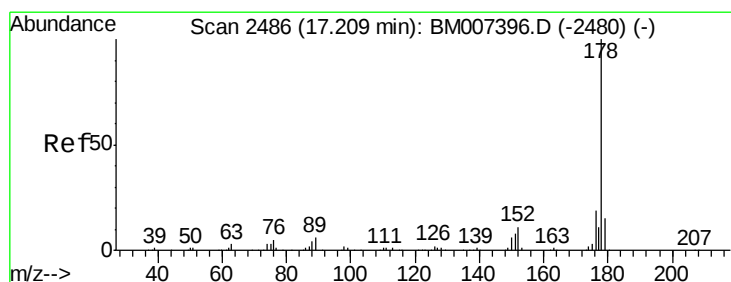
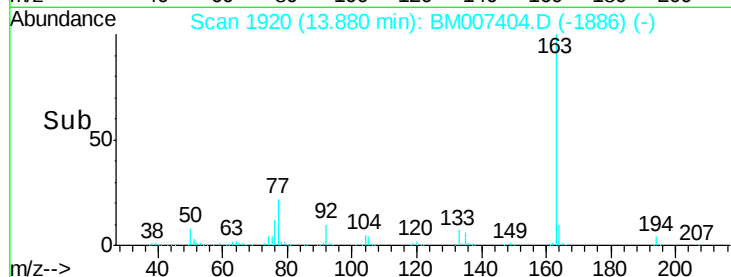
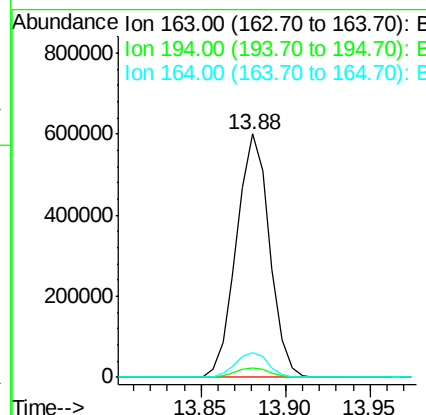
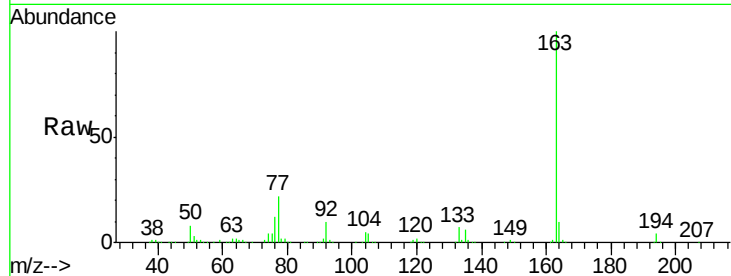
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Dimethylphthalate
Concen: 13.99 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM007404.D
Acq: 03 Sep 2016 13:10

Instrument :
BNA_M
ClientSampleId :
C0007

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	817539		
194	4.1		3.4	5.2
164	10.4		7.8	11.8

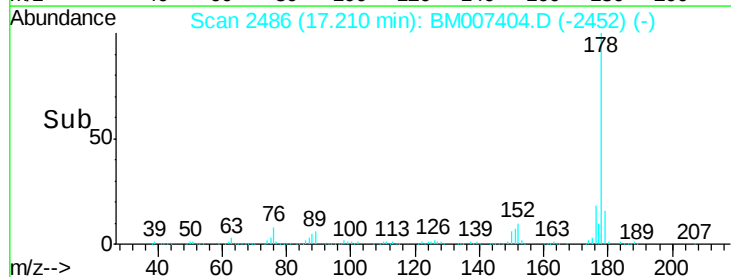
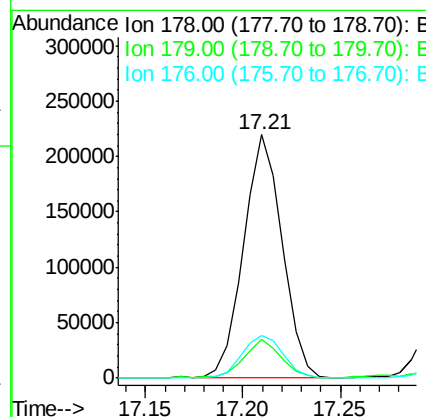
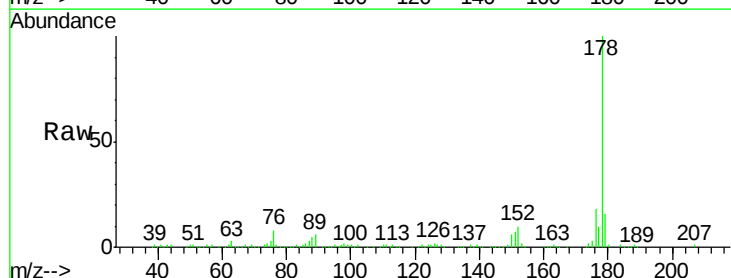
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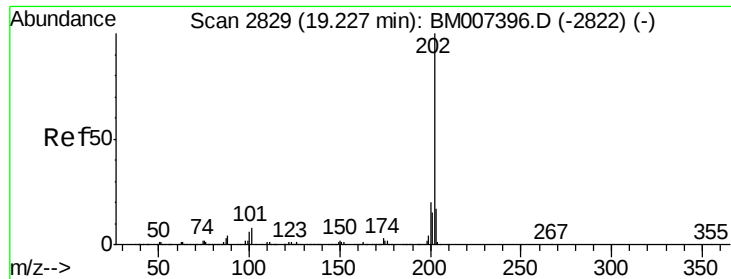
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#69
Phenanthrene
Concen: 3.20 ng/ul
RT: 17.21 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BM007404.D
Acq: 03 Sep 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	299869		
179	16.1		12.2	18.2
176	17.6		15.1	22.7





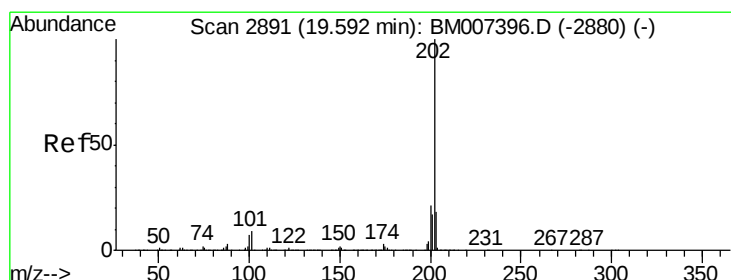
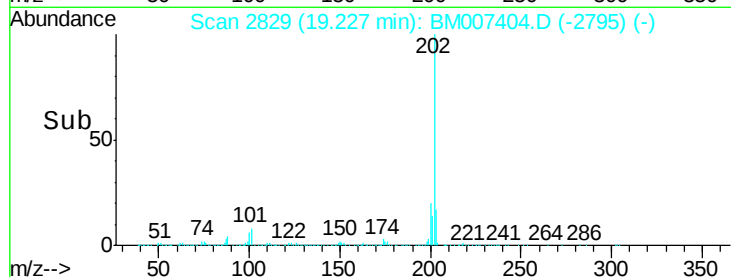
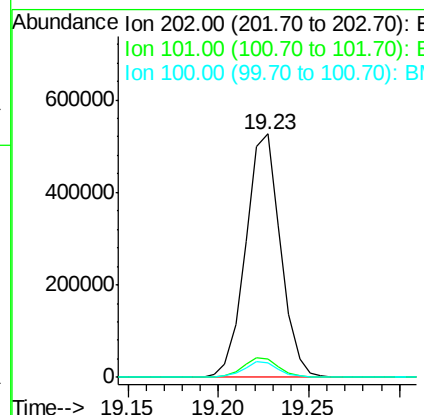
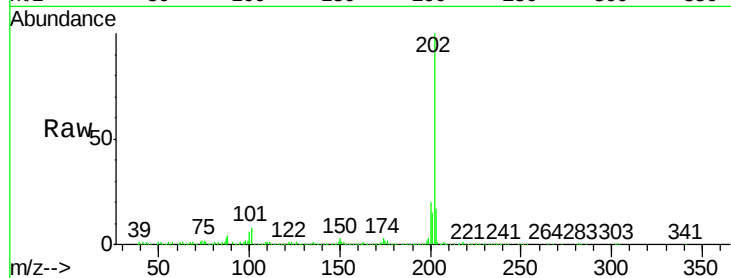
#74
 Fluoranthene
 Concen: 5.95 ng/ul
 RT: 19.23 min Scan# 2829
 Delta R.T. 0.00 min
 Lab File: BM007404.D
 Acq: 03 Sep 2016 13:10

Instrument :
 BNA_M
 ClientSampleId :
 C0007

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	698854		
101	7.7	6.9	10.3	
100	5.8	5.4	8.0	

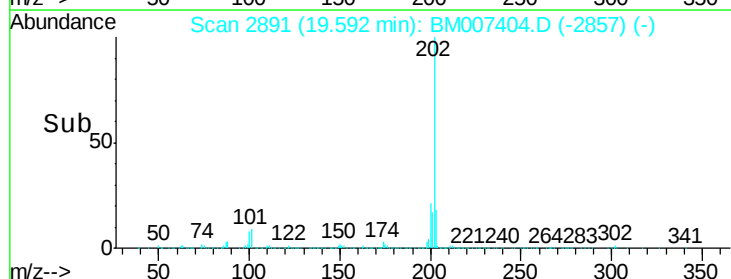
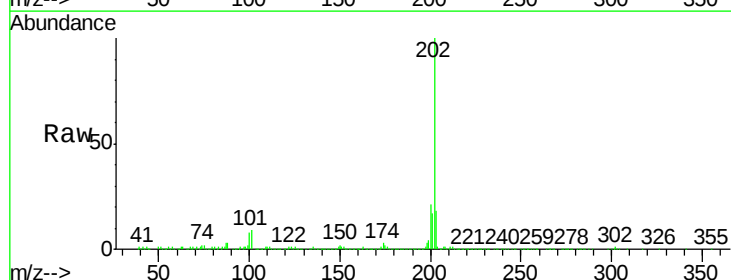
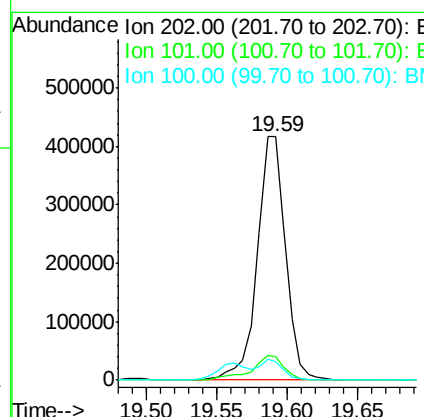
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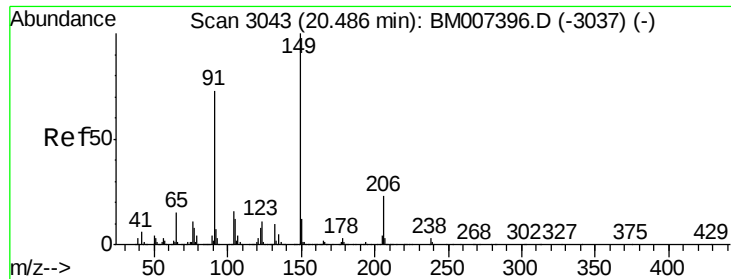
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#77
 Pyrene
 Concen: 4.82 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BM007404.D
 Acq: 03 Sep 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	584226		
101	9.4	8.4	12.6	
100	7.8	6.9	10.3	





#78

Butylbenzylphthalate

Concen: 1.16 ng/ul

RT: 20.49 min Scan# 3043

Delta R.T. 0.00 min

Lab File: BM007404.D

Acq: 03 Sep 2016 13:10

Instrument :

BNA_M

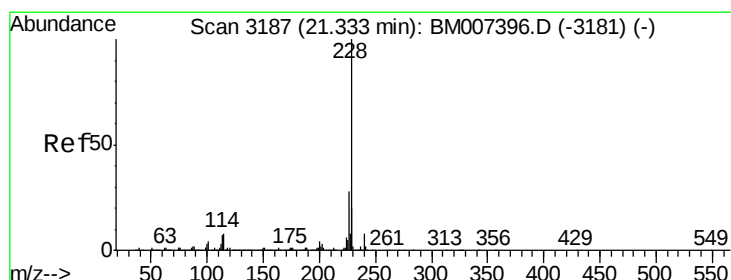
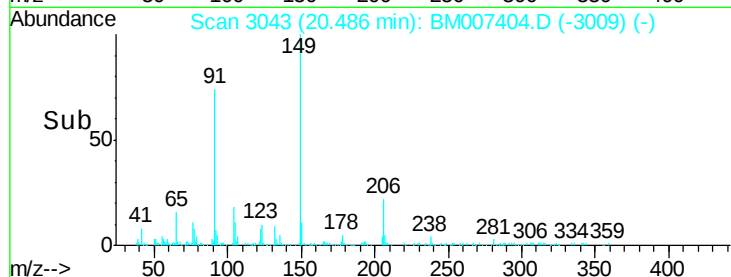
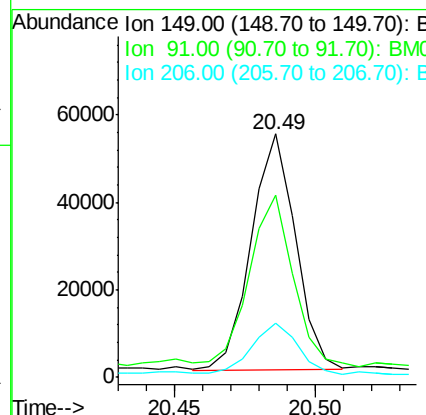
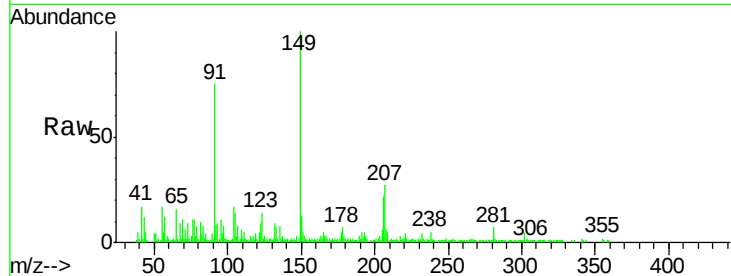
ClientSampled :

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Tgt Ion:	149	Resp:	58667
Ion Ratio	Lower	Upper	
149	100		
91	74.9	57.3	85.9
206	22.3	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 2.68 ng/ul

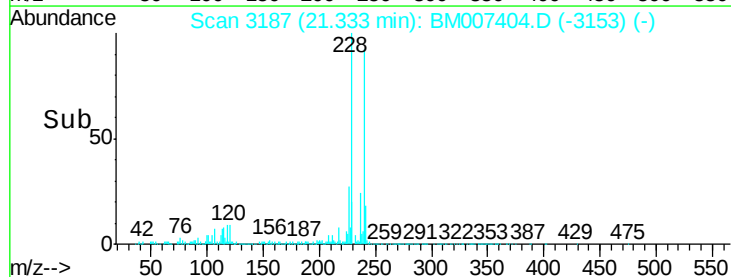
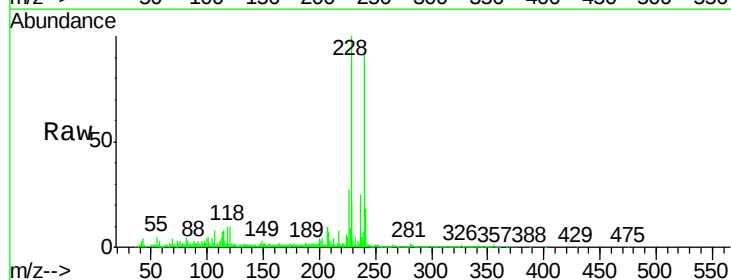
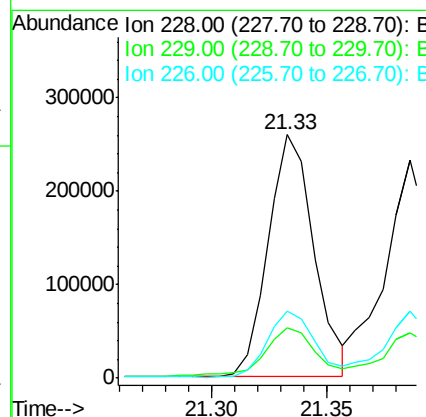
RT: 21.33 min Scan# 3187

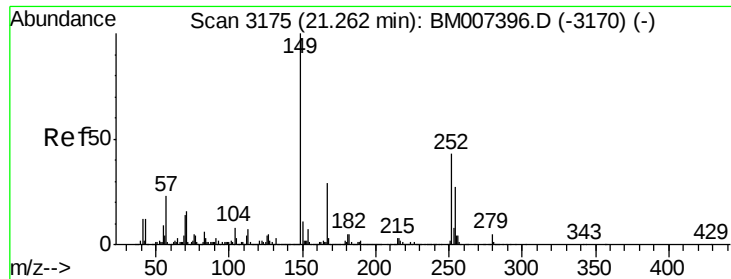
Delta R.T. 0.00 min

Lab File: BM007404.D

Acq: 03 Sep 2016 13:10

Tgt Ion:	228	Resp:	357426
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.6	23.4
226	27.4	21.8	32.8





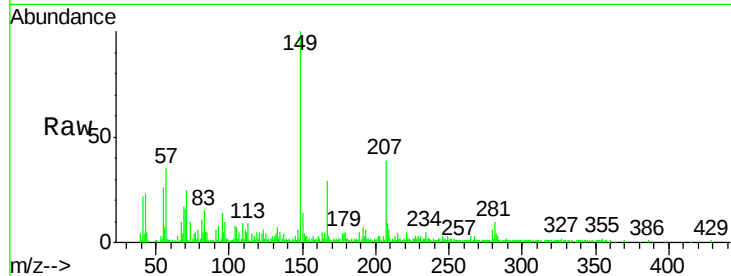
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.04 ng/ul
 RT: 21.26 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BM007404.D
 Acq: 03 Sep 2016 13:10

Instrument :
 BNA_M
 ClientSampleId :
 C0007

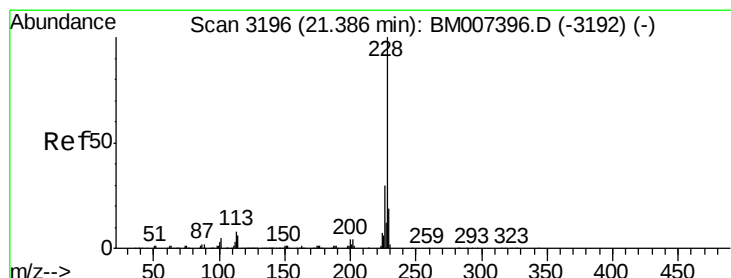
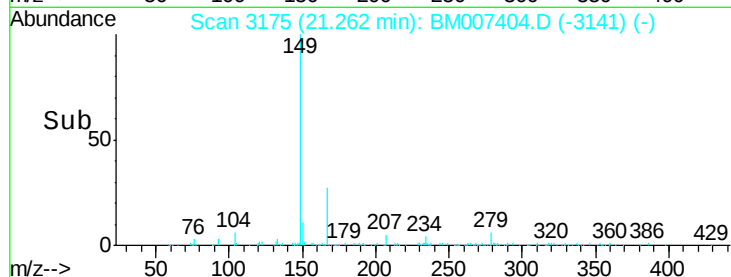
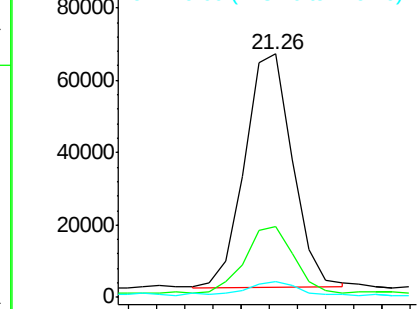
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.2	34.8
279	6.3	4.1	6.1#

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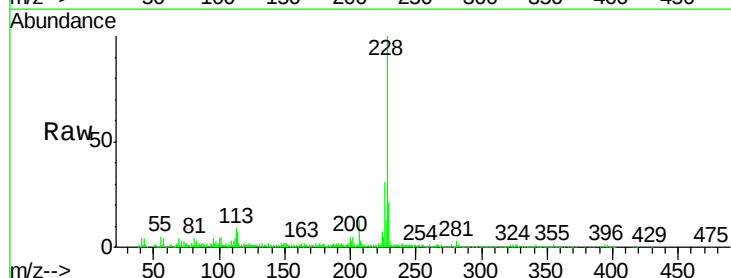


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

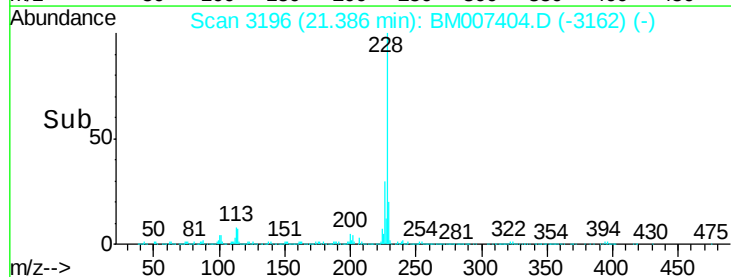
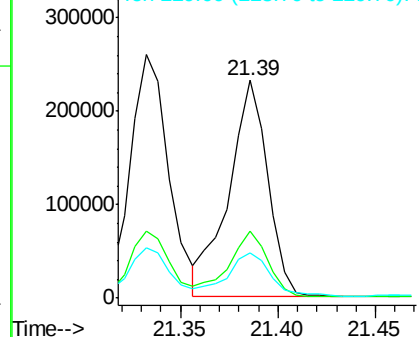


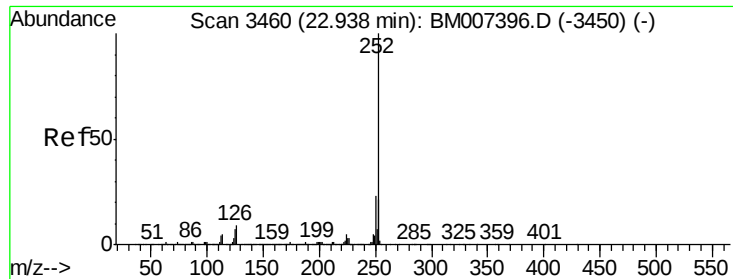
#82
 Chrysene
 Concen: 2.66 ng/ul
 RT: 21.39 min Scan# 3196
 Delta R.T. 0.00 min
 Lab File: BM007404.D
 Acq: 03 Sep 2016 13:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	21.0	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





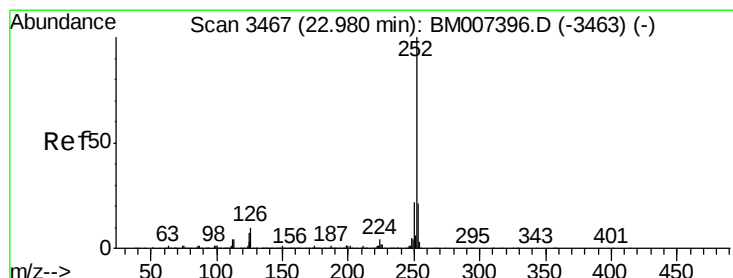
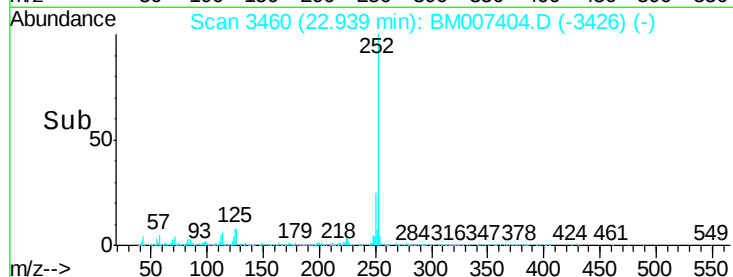
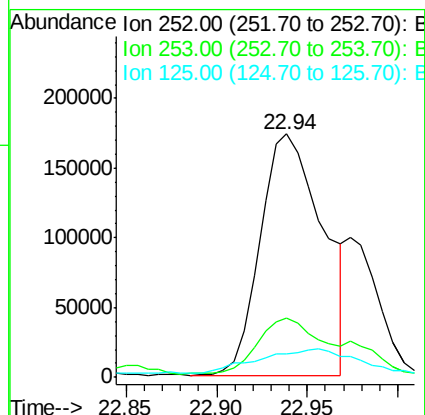
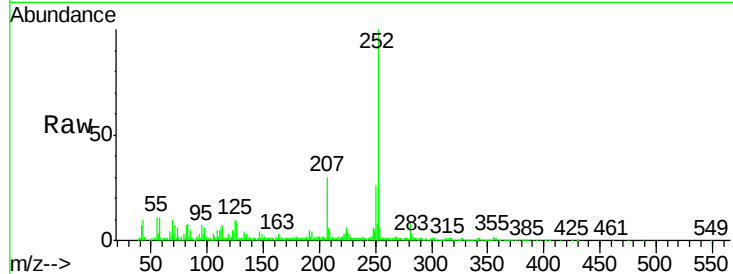
#85
Benzo(b)fluoranthene
Concen: 3.38 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM007404.D
Acq: 03 Sep 2016 13:10

Instrument :
BNA_M
ClientSampleId :
C0007

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	9.8	5.8	8.8#

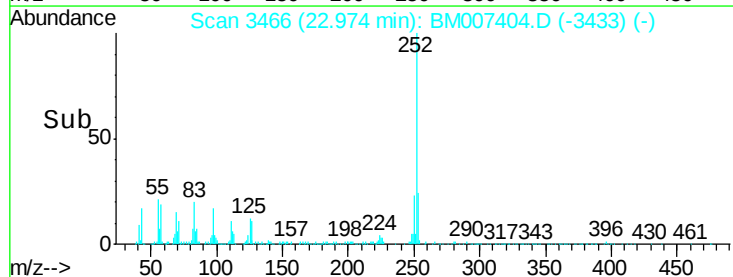
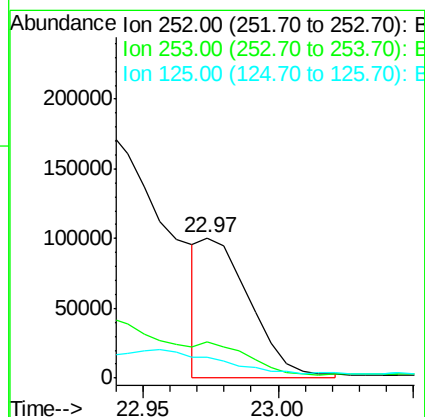
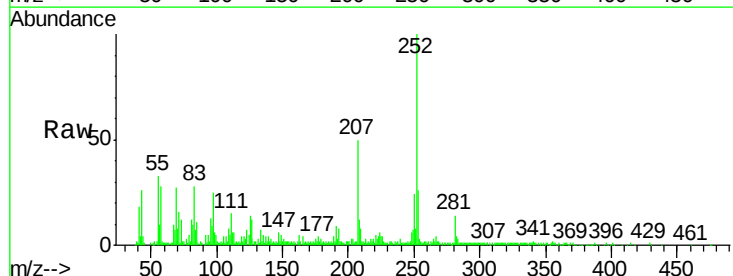
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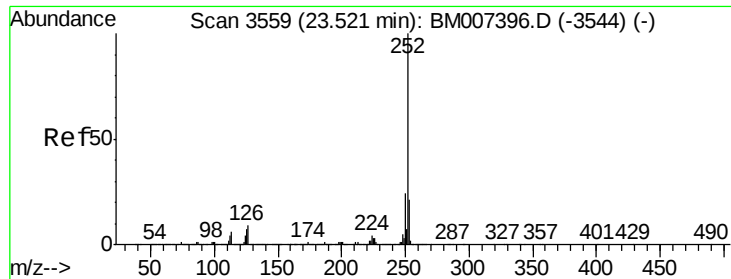
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#86
Benzo(k)fluoranthene
Concen: 1.12 ng/ul m
RT: 22.97 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM007404.D
Acq: 03 Sep 2016 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	14.5	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 2.36 ng/ul

RT: 23.52 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BM007404.D

Acq: 03 Sep 2016 13:10

Instrument :

BNA_M

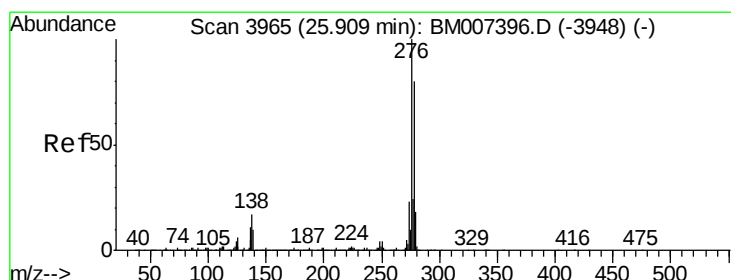
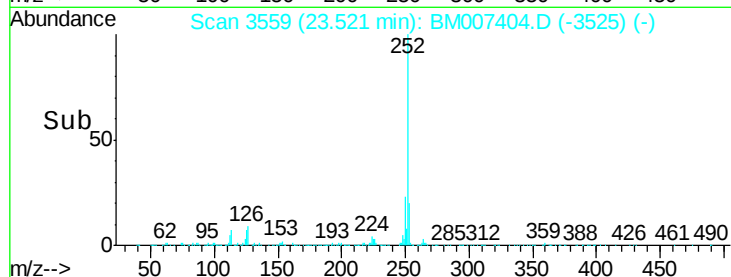
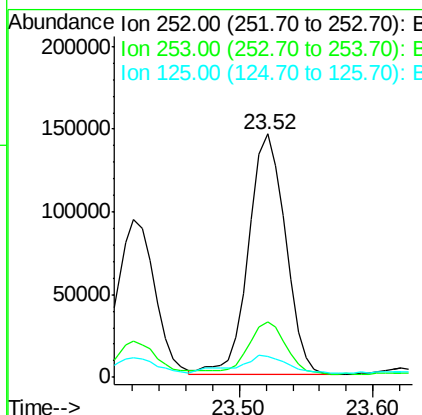
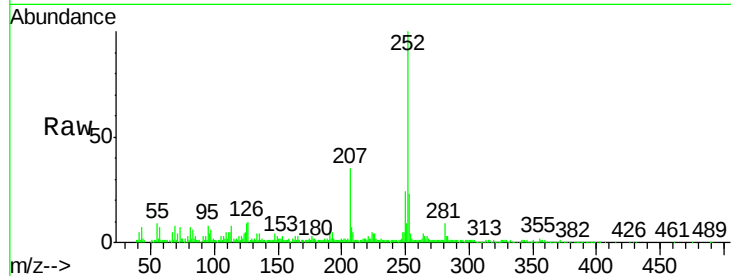
ClientSampleId :

C0007

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	278869		
253	22.7		17.7	26.5
125	8.6		6.6	9.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.05 ng/ul

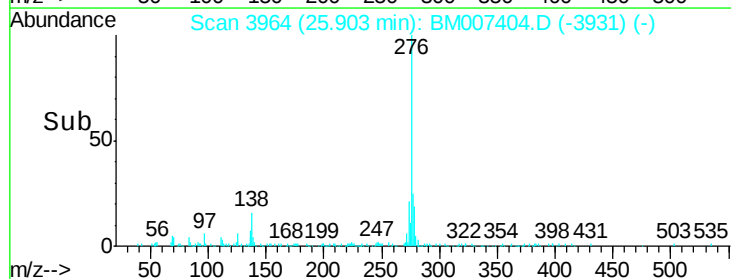
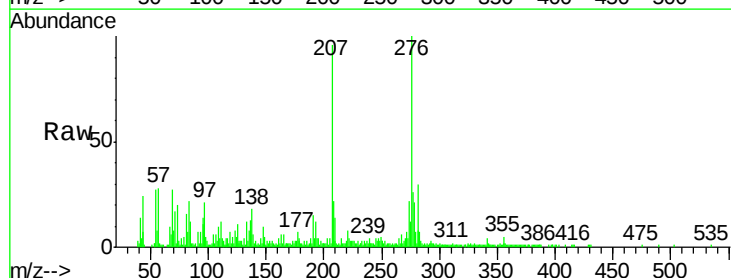
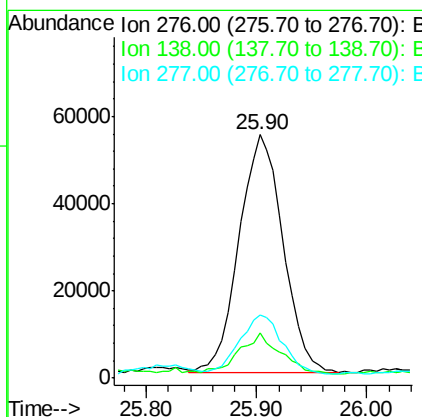
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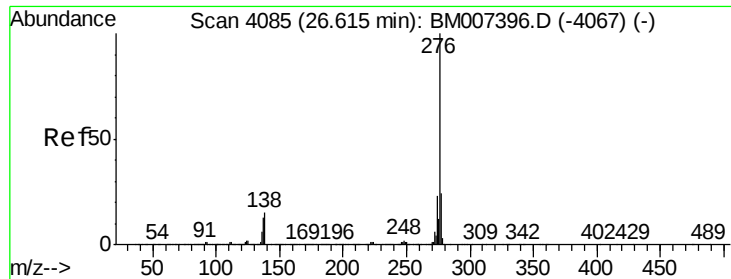
Delta R.T. -0.01 min

Lab File: BM007404.D

Acq: 03 Sep 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	152175		
138	18.3		13.9	20.9
277	26.1		20.1	30.1





#91

Benzo(g,h,i)perylene

Concen: 1.06 ng/ul

RT: 26.61 min Scan# 4084

Delta R.T. -0.01 min

Lab File: BM007404.D

Acq: 03 Sep 2016 13:10

Instrument :

BNA_M

ClientSampleId :

C0007

Tgt	Ion	276	Resp:	130455
	Ratio		Lower	Upper
276	100			
138	17.4	13.5	20.3	
277	27.2	19.3	28.9	

Manual Integrations
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