

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005605.D
 Acq On : 23 May 2016 02:19
 Operator : UM/SJ
 Sample : H3086-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGH6

Manual Integrations
 APPROVED

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Quant Time: May 23 08:09:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	137087	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	569875	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.47	164	287382	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.22	188	640948	20.00	ng/ul	0.03
75) Chrysene-d12	21.38	240	665723	20.00	ng/ul	0.02
83) Perylene-d12	23.67	264	607968	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	8691	2.78	ng/uL	0.00
5) Phenol-d5	7.00	99	304768	27.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	168168	25.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	246764	26.32	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	248095	26.94	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	120674	27.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	123716	25.79	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	244766	27.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	307858m	34.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	622275	26.53	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	833448	28.42	ng/ul	0.02
51) 4-Nitrophenol-d4	14.68	143	119952	27.03	ng/ul	0.03
57) Fluorene-d10	15.46	176	573896	28.12	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.55	200	8266	2.24	ng/ul	0.00
70) Anthracene-d10	17.31	188	873228	28.60	ng/ul	0.02
76) Pyrene-d10	19.60	212	1023697	33.96	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	775774	27.33	ng/ul	0.03
Target Compounds						
44) Dimethylphthalate	13.92	163	209752	9.05	ng/ul#	89
58) Fluorene	15.52	166	124324	5.54	ng/ul#	80
69) Phenanthrene	17.26	178	134249	3.75	ng/ul#	59
74) Fluoranthene	19.26	202	66187	1.64	ng/ul#	76
77) Pyrene	19.63	202	423618	11.07	ng/ul#	95
82) Chrysene	21.42	228	148795	4.00	ng/ul#	52

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

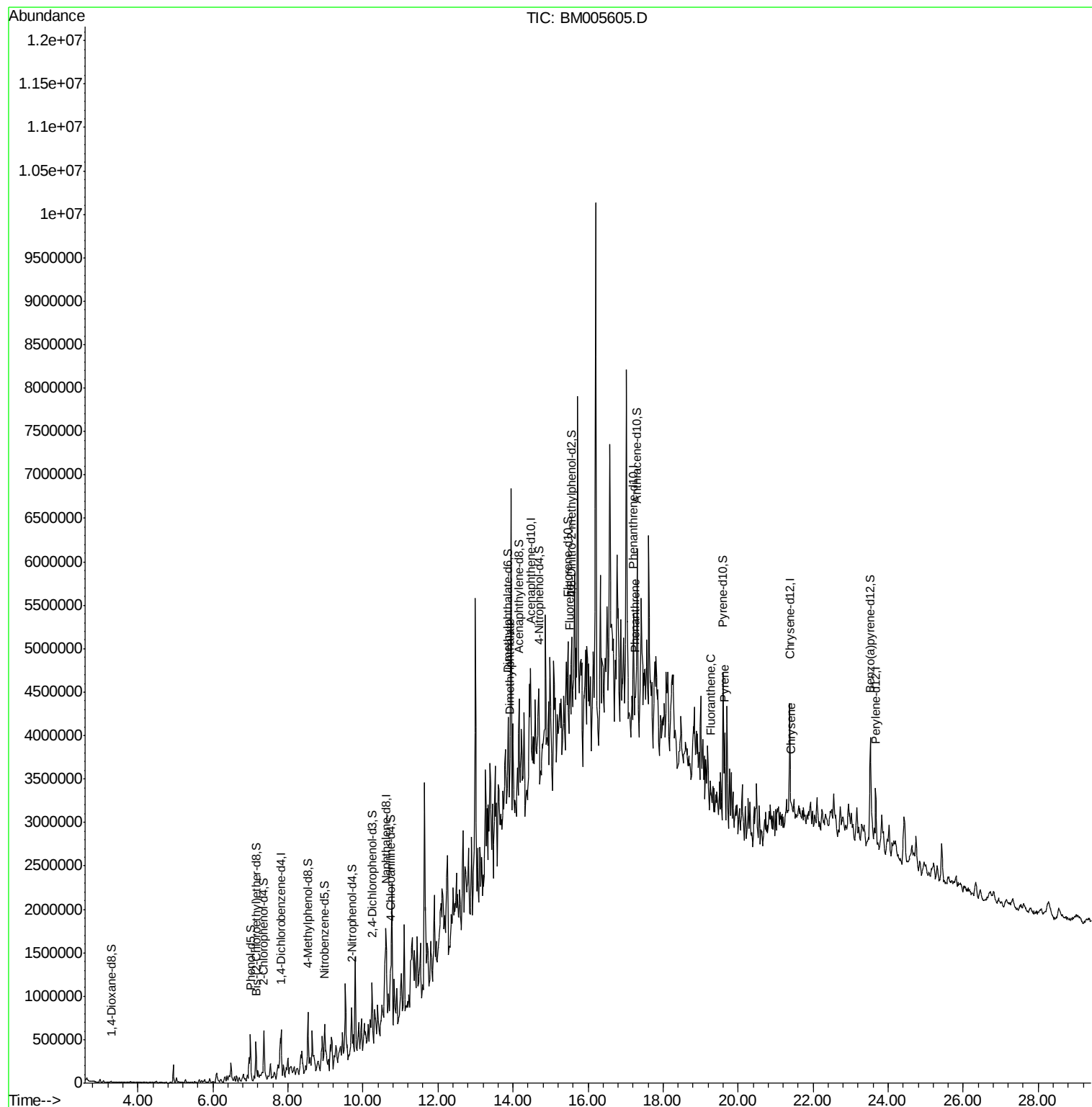
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
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ALS Vial : 23 Sample Multiplier: 1

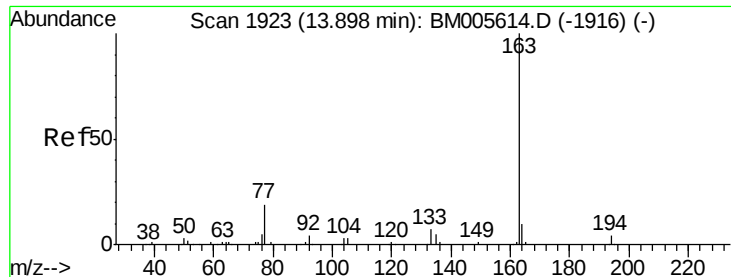
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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.05 ng/ul

RT: 13.92 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BM005605.D

Acq: 23 May 2016 02:19

Instrument :

BNA_M

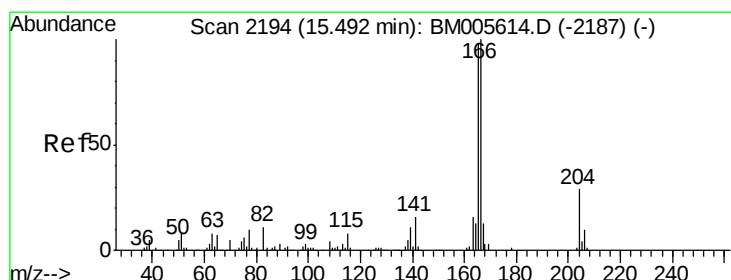
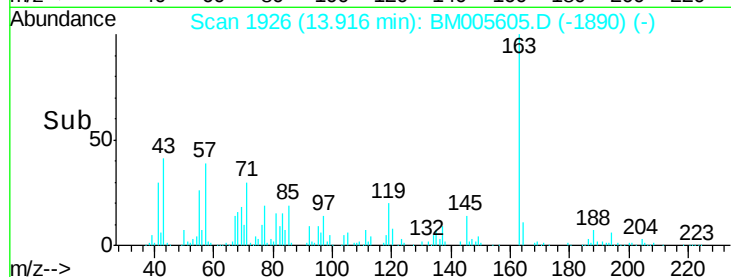
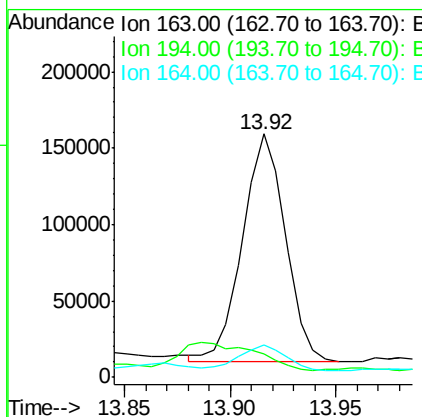
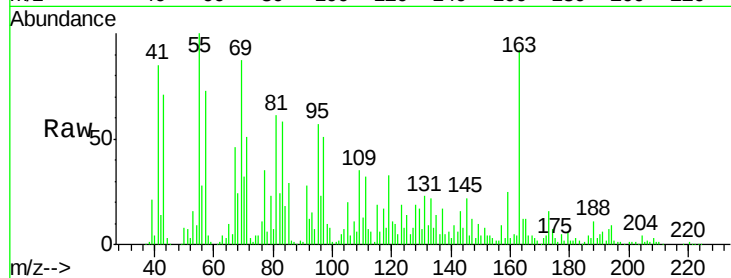
ClientSampleId :

JHGH6

Tgt Ion:	163	Resp:	209752
Ion Ratio		Lower	Upper
163	100		
194	9.6	3.4	5.0#
164	13.3	8.0	12.0#

Manual Integrations
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#58

Fluorene

Concen: 5.54 ng/ul

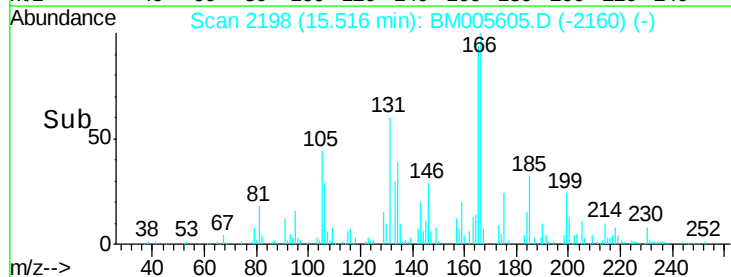
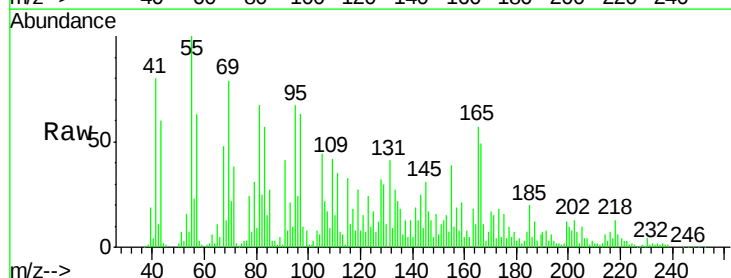
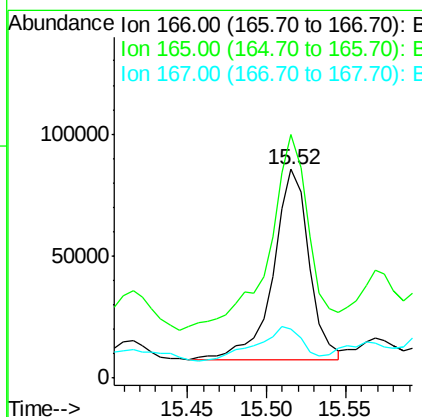
RT: 15.52 min Scan# 2198

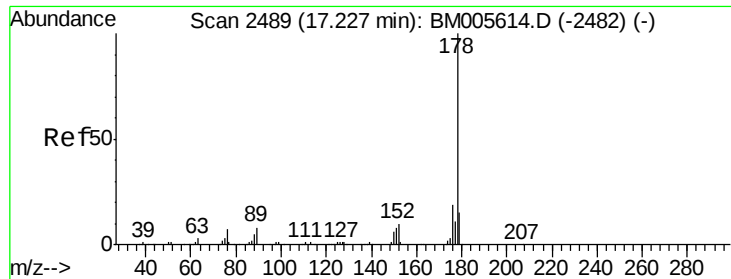
Delta R.T. 0.02 min

Lab File: BM005605.D

Acq: 23 May 2016 02:19

Tgt Ion:	166	Resp:	124324
Ion Ratio		Lower	Upper
166	100		
165	116.5	78.0	117.0
167	23.6	10.5	15.7#





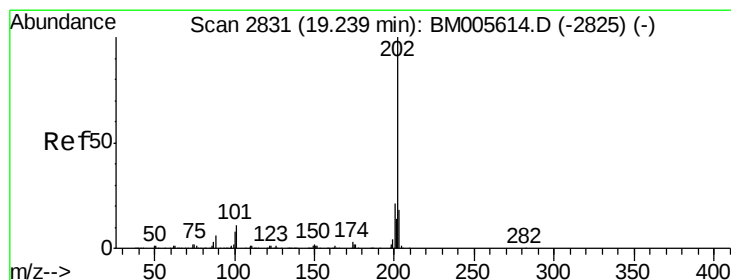
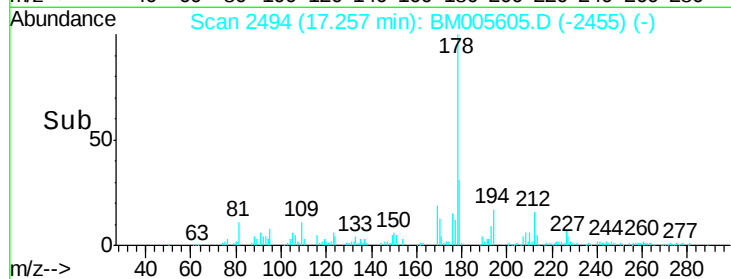
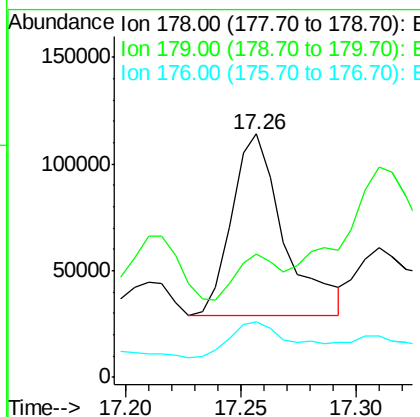
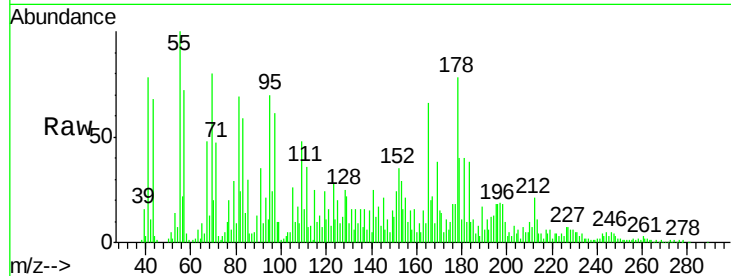
#69
Phenanthrene
Concen: 3.75 ng/ul
RT: 17.26 min Scan# 2494
Delta R.T. 0.03 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	50.9	12.2	18.2#
176	22.8	15.8	23.6

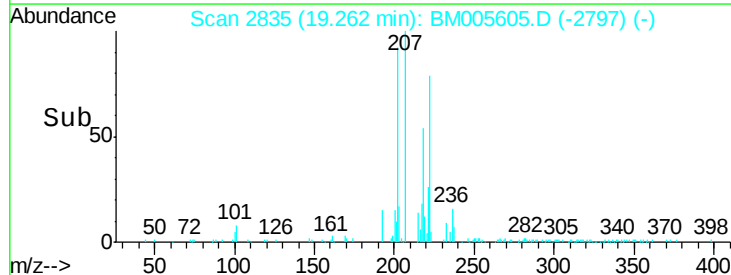
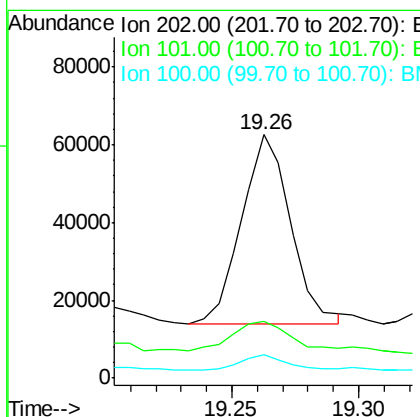
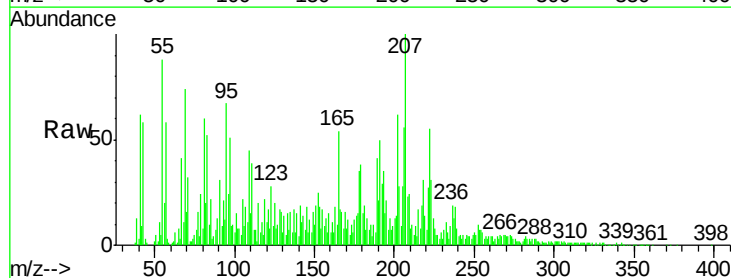
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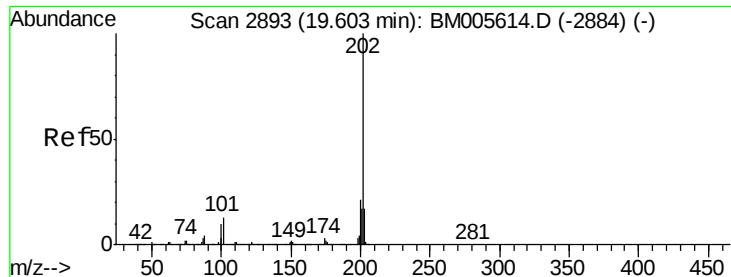
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#74
Fluoranthene
Concen: 1.64 ng/ul
RT: 19.26 min Scan# 2835
Delta R.T. 0.02 min
Lab File: BM005605.D
Acq: 23 May 2016 02:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	23.4	7.9	11.9#
100	9.4	5.6	8.4#





#77

Pyrene

Concen: 11.07 ng/ul

RT: 19.63 min Scan# 2897

Delta R.T. 0.02 min

Lab File: BM005605.D

Acq: 23 May 2016 02:19

Instrument :

BNA_M

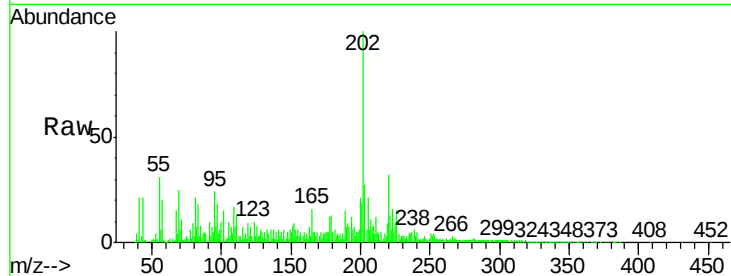
ClientSampleId :

JHGH6

Tgt Ion:	202	Resp:	423618
Ion Ratio		Lower	Upper
202	100		
101	15.3	9.6	14.4#
100	9.8	7.8	11.6

Manual Integrations
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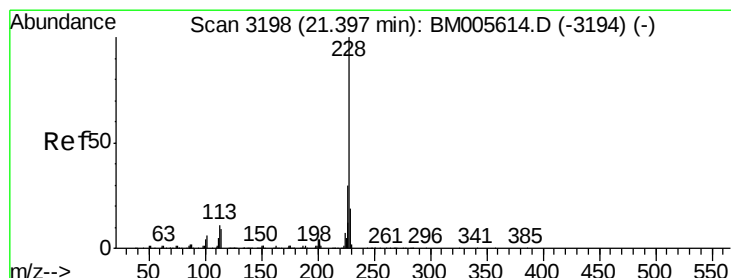
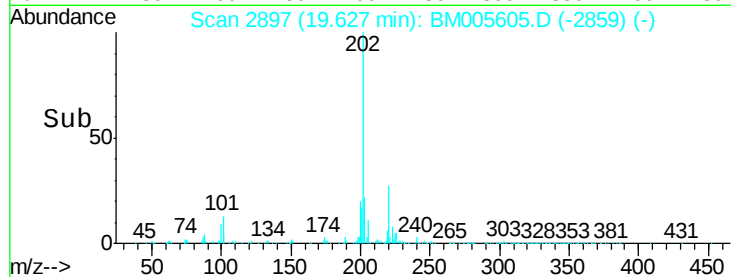
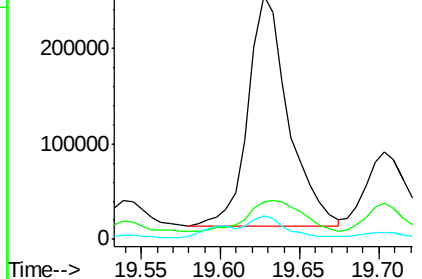
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Chrysene

Concen: 4.00 ng/ul

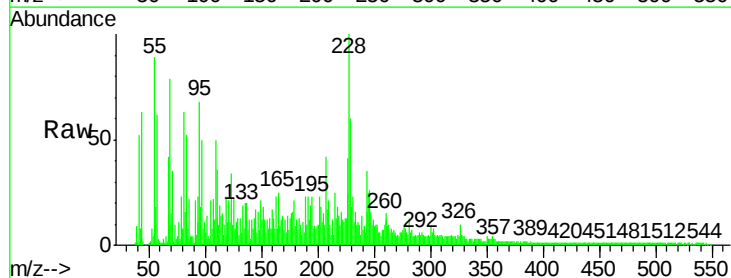
RT: 21.42 min Scan# 3201

Delta R.T. 0.02 min

Lab File: BM005605.D

Acq: 23 May 2016 02:19

Tgt Ion:	228	Resp:	148795
Ion Ratio		Lower	Upper
228	100		
226	40.7	23.7	35.5#
229	59.9	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

