

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050317\
 Data File : BM009879.D
 Acq On : 03 May 2017 17:54
 Operator : SJ/MA
 Sample : I2871-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB15

Manual Integrations
 APPROVED

mohammad
 5/4/2017 5:01:31 PM

Quant Time: May 04 03:21:14 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 02:03:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	153643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	659129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	382571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	765995	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	771378	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	789366	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12018	3.60	ng/uL	0.00
5) Phenol-d5	6.99	99	358906	21.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	237473	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	247967	23.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	275242	21.15	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	121535	22.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	134092	23.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	259878	23.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	108808m	8.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	790003	23.74	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1015383	25.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	106797	16.63	ng/ul	0.01
57) Fluorene-d10	15.46	176	688930	22.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	53779	9.95	ng/ul	0.00
70) Anthracene-d10	17.31	188	967509	24.60	ng/ul	0.00
76) Pyrene-d10	19.61	212	955675	28.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	984150	25.64	ng/ul	0.02

Target Compounds						Qvalue
44) Dimethylphthalate	13.91	163	210116	6.38	ng/ul#	97
69) Phenanthrene	17.26	178	91697	2.08	ng/ul	98
74) Fluoranthene	19.27	202	172821	3.11	ng/ul#	92
77) Pyrene	19.64	202	167992	3.86	ng/ul#	86
80) Benzo(a)anthracene	21.38	228	51325	1.12	ng/ul#	74
82) Chrysene	21.43	228	128940	3.13	ng/ul#	84

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

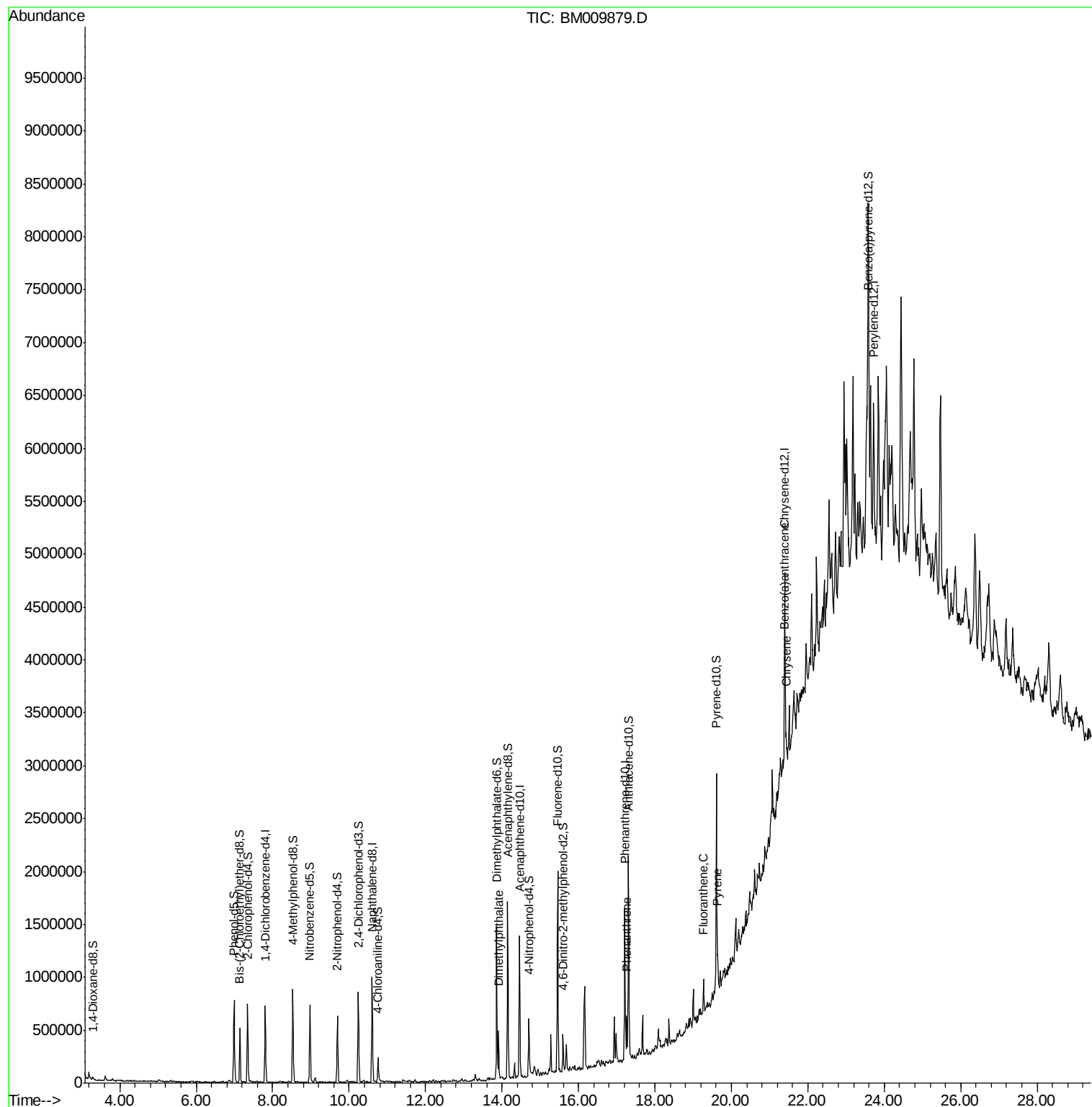
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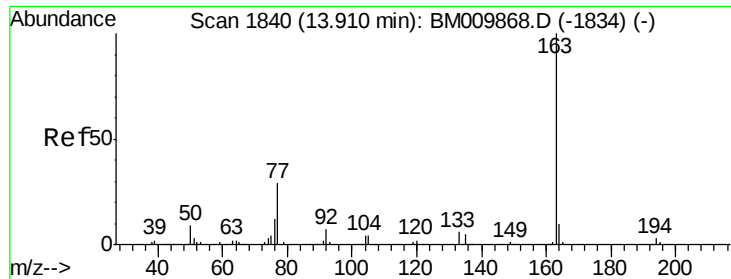
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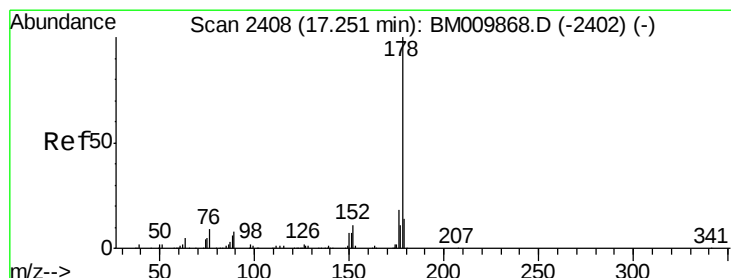
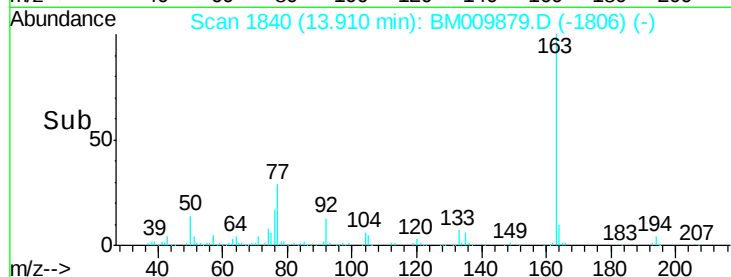
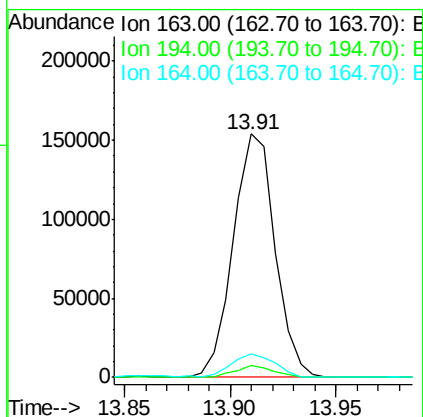
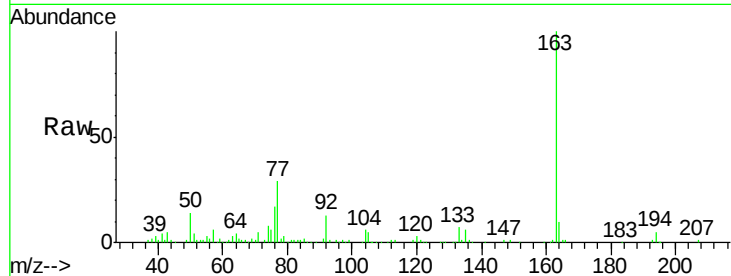
#44
Dimethylphthalate
Concen: 6.38 ng/ul
RT: 13.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM009879.D
Acq: 03 May 2017 17:54

Instrument :
BNA_M
ClientSampleId :
YAB15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	210116		
194	4.7	3.0	4.6#	
164	9.6	8.6	12.8	

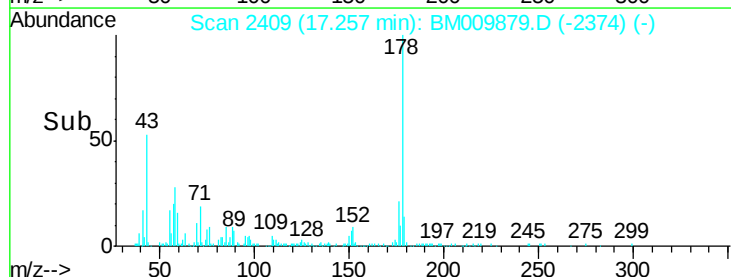
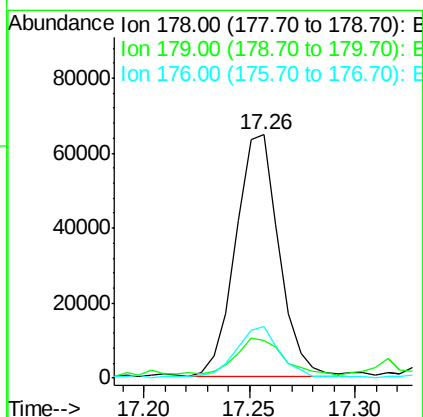
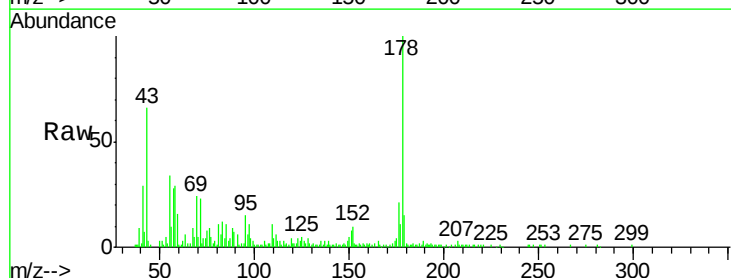
Manual Integrations
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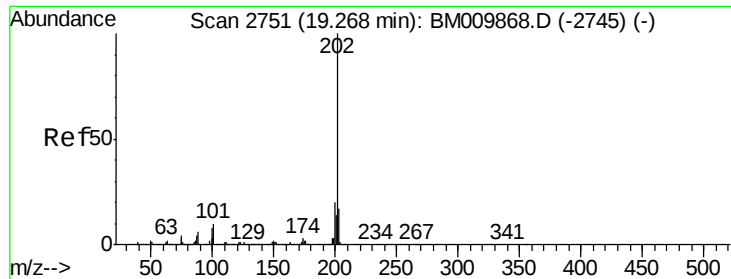
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#69
Phenanthrene
Concen: 2.08 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BM009879.D
Acq: 03 May 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	91697		
179	15.4	12.6	19.0	
176	21.3	15.8	23.6	





#74

Fluoranthene

Concen: 3.11 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. 0.01 min

Lab File: BM009879.D

Acq: 03 May 2017 17:54

Instrument :

BNA_M

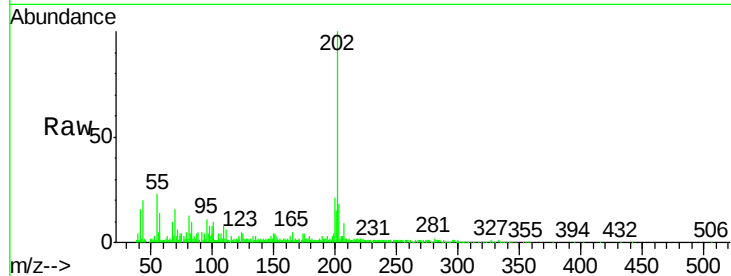
ClientSampleId :

YAB15

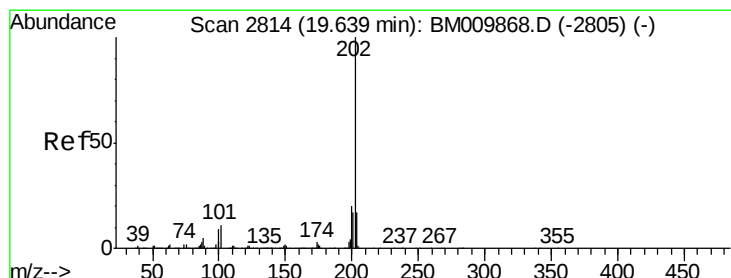
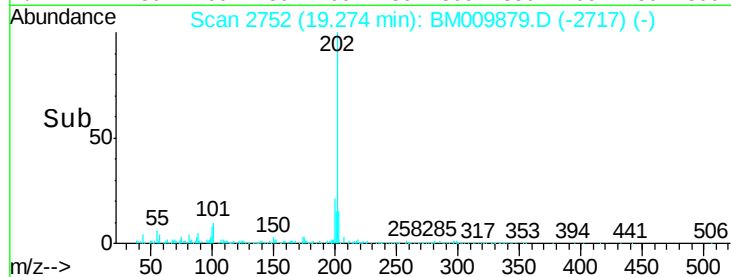
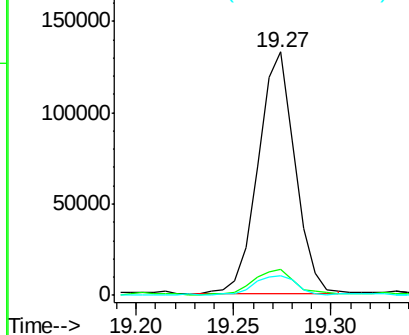
Tgt Ion:	202	Resp:	172821
Ion Ratio	Lower	Upper	
202	100		
101	10.5	5.7	8.5#
100	8.1	4.6	7.0#

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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



#77

Pyrene

Concen: 3.86 ng/ul

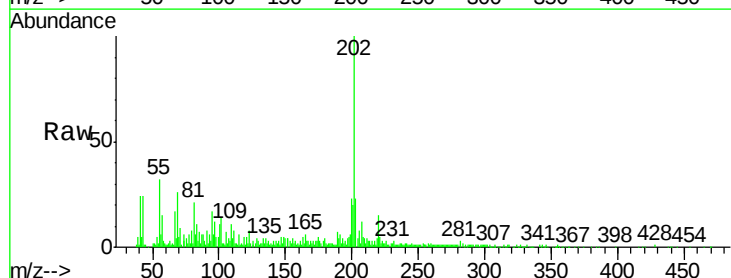
RT: 19.64 min Scan# 2814

Delta R.T. -0.00 min

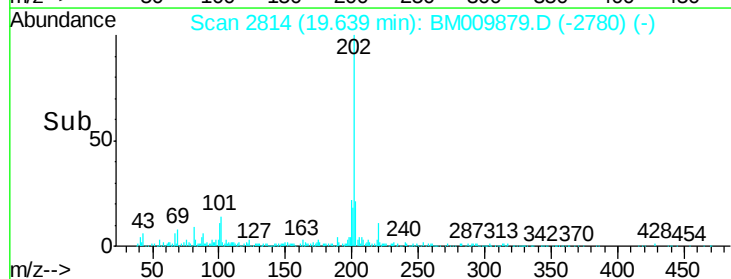
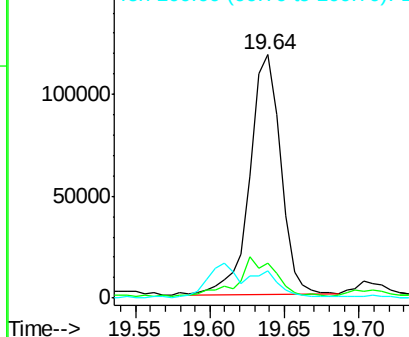
Lab File: BM009879.D

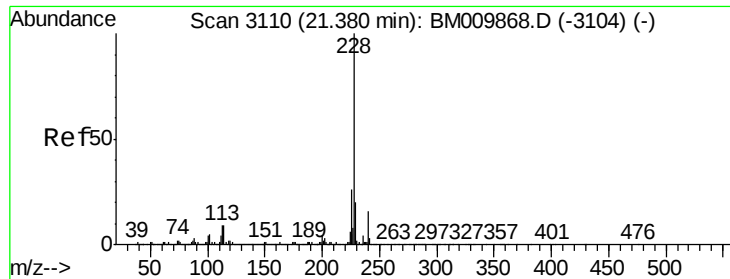
Acq: 03 May 2017 17:54

Tgt Ion:	202	Resp:	167992
Ion Ratio	Lower	Upper	
202	100		
101	14.2	6.2	9.4#
100	11.3	6.4	9.6#



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





#80

Benzo(a)anthracene

Concen: 1.12 ng/ul

RT: 21.38 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM009879.D

Acq: 03 May 2017 17:54

Instrument :

BNA_M

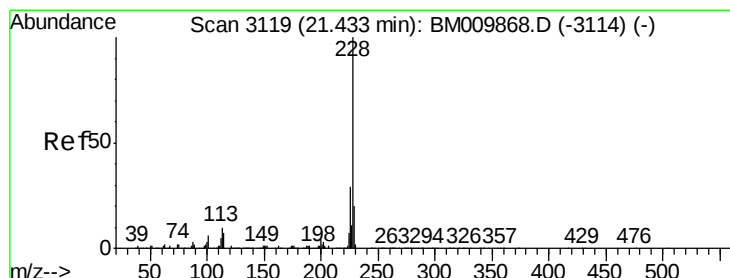
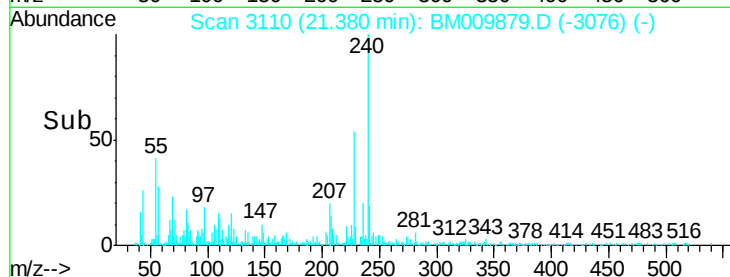
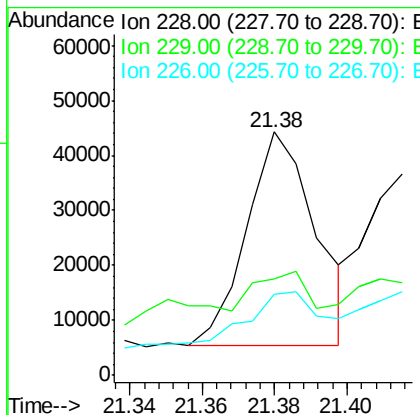
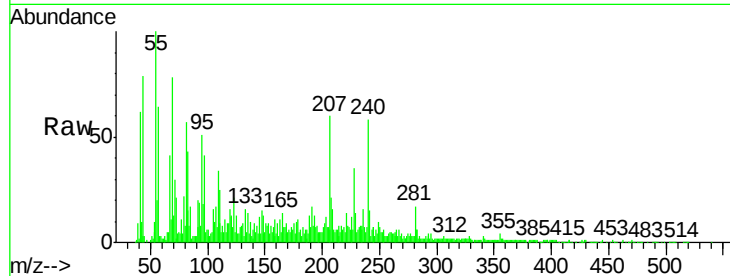
ClientSampleId :

YAB15

Tgt Ion:	228	Resp:	51325
Ion Ratio	Lower	Upper	
228	100		
229	39.4	15.4	23.2#
226	33.4	21.2	31.8#

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#82

Chrysene

Concen: 3.13 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM009879.D

Acq: 03 May 2017 17:54

Tgt Ion:	228	Resp:	128940
Ion Ratio	Lower	Upper	
228	100		
226	35.7	23.9	35.9
229	30.5	15.4	23.2#

