

Data File : BM021947.D
Acq On : 08 Aug 2019 23:36
Operator : HP/JU
Sample : K4116-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:50 AM

Quant Time: Aug 19 04:43:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	792	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3434	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1840	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4061m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	3755m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5924	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	941	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2427m	0.18	ng/ul	-0.01
Target Compounds				Qvalue		
12) Phenanthrene	17.07	178	363m	0.031	ng/ul	
15) Fluoranthene	19.09	202	606m	0.038	ng/ul	
17) Pyrene	19.46	202	729	0.047	ng/ul#	62
18) Benzo(a)anthracene	21.22	228	397	0.030	ng/ul#	62

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

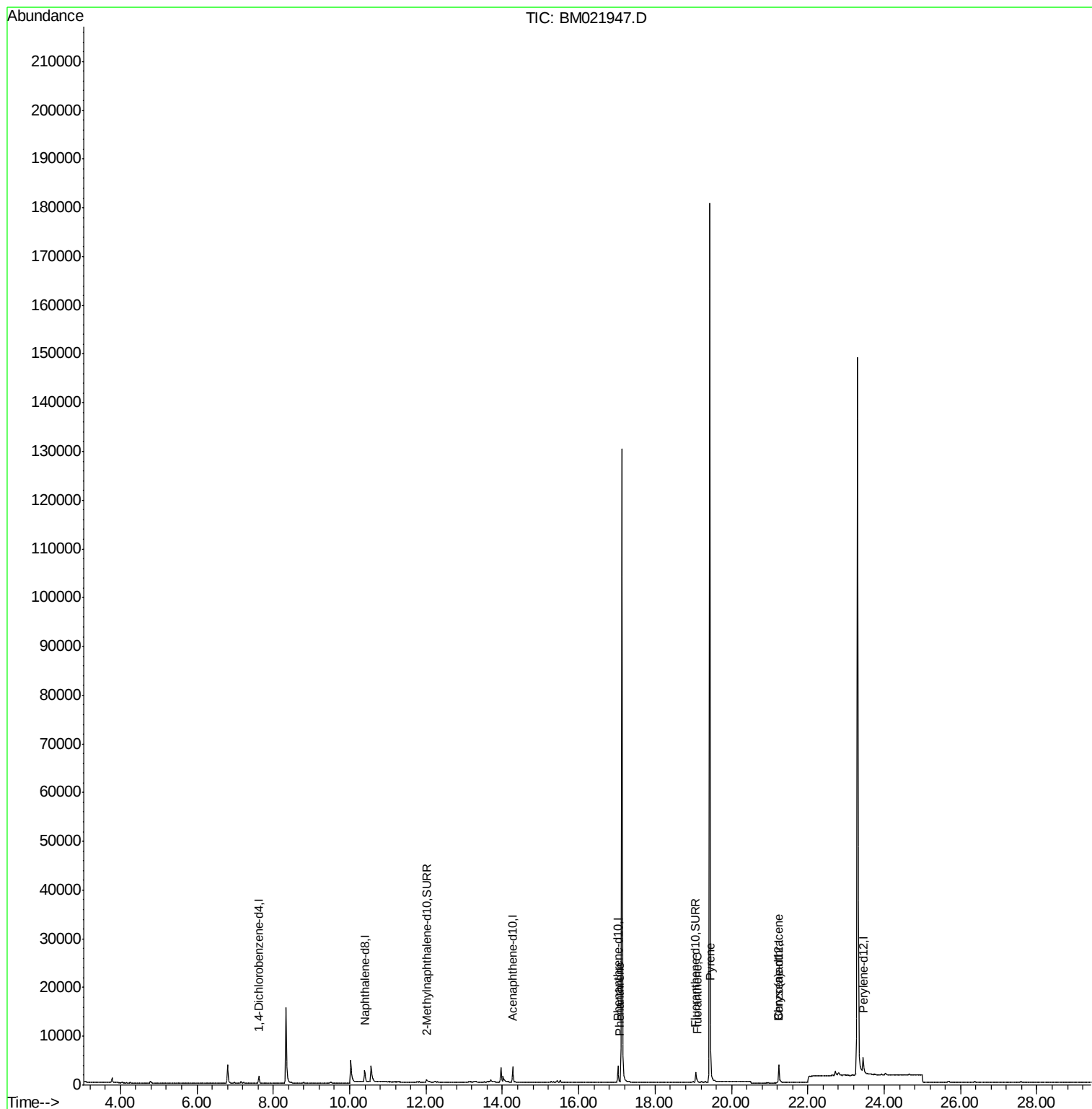
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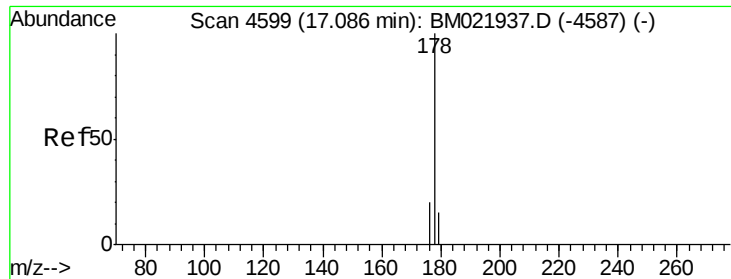
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#12

Phenanthrene

Concen: 0.031 ng/ul m

RT: 17.07 min Scan# 4593

Delta R.T. -0.02 min

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BNA_M

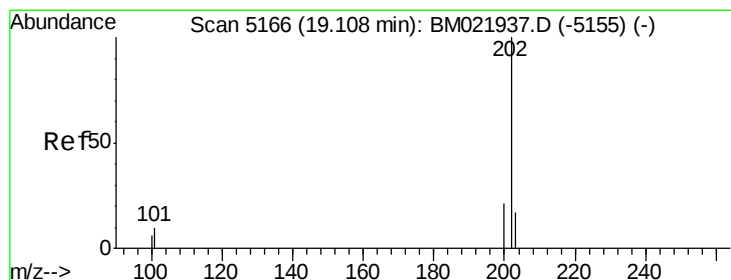
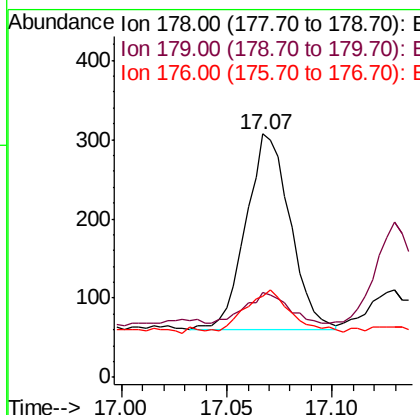
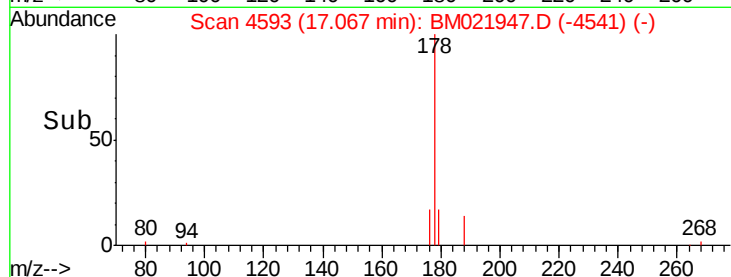
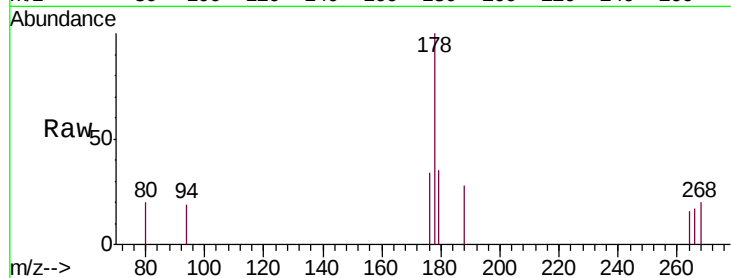
ClientSampleId :

JLLE6

Tgt Ion:	178	Resp:	363
Ion	Ratio	Lower	Upper
178	100		
179	35.2	14.2	21.2#
176	33.6	16.8	25.2#

Manual Integrations
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#15

Fluoranthene

Concen: 0.038 ng/ul m

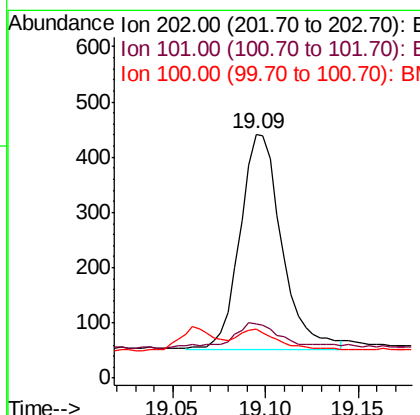
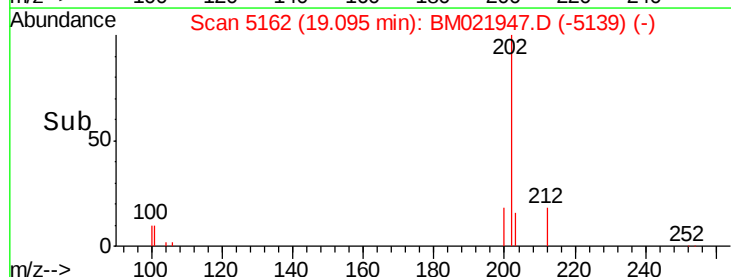
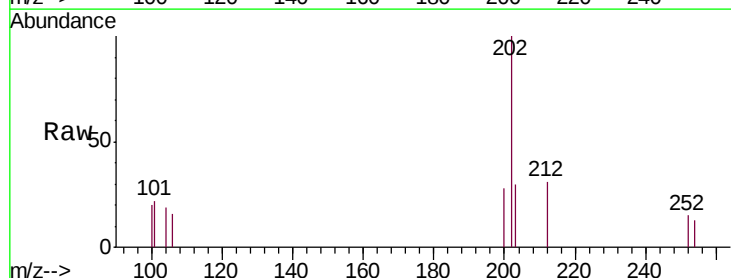
RT: 19.09 min Scan# 5162

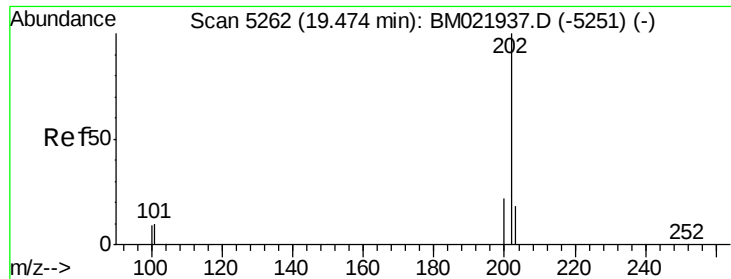
Delta R.T. -0.01 min

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Tgt Ion:	202	Resp:	606
Ion	Ratio	Lower	Upper
202	100		
101	22.2	0.0	30.2
100	20.0	0.0	28.1





#17

Pyrene

Concen: 0.047 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.01 min

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Instrument :

BNA_M

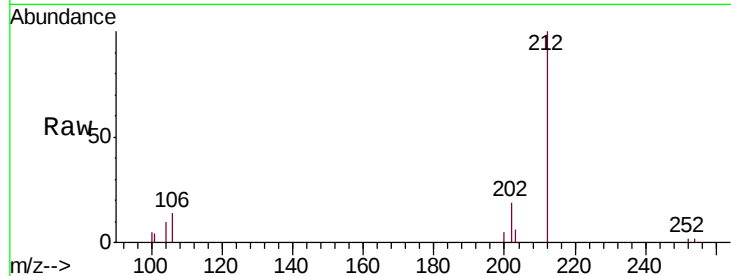
ClientSampleId :

JLLE6

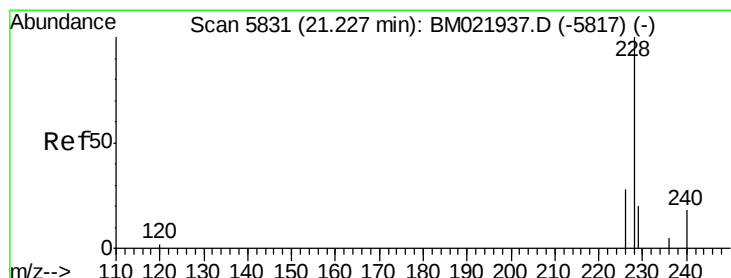
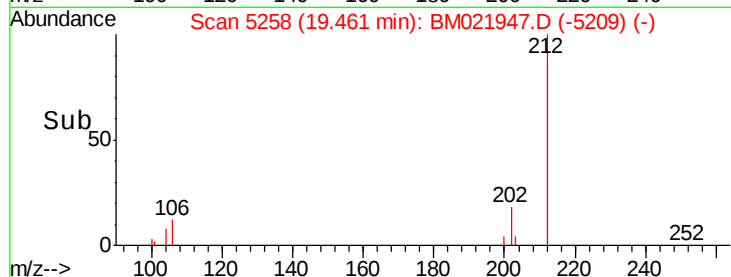
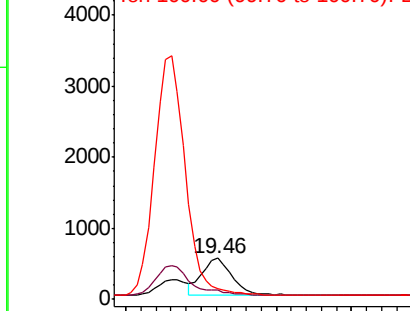
Tgt Ion:	202	Resp:	729
Ion Ratio	Lower	Upper	
202	100		
101	21.8	8.3	12.5#
100	25.7	7.2	10.8#

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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



#18

Benzo(a)anthracene

Concen: 0.030 ng/ul

RT: 21.22 min Scan# 5829

Delta R.T. -0.00 min

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Acq: 08 Aug 2019 23:36

Tgt Ion:	228	Resp:	397
Ion Ratio	Lower	Upper	
228	100		
229	41.8	17.2	25.8#
226	46.3	22.6	34.0#

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

