

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
 Data File : BM016909.D
 Acq On : 26 Sep 2018 21:02
 Operator : MJ/SJ
 Sample : J5040-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E8JD8

Manual Integrations
 APPROVED

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 9/27/2018 5:26:35 PM

Quant Time: Sep 27 03:41:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 02:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	284760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1177531	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	624107	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1376832	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1500311	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1632918	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	23145m	3.48	ng/uL	0.00
5) Phenol-d5	6.89	99	479613	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	292058	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	417853	21.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	362671	19.51	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	193179	24.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	201612	28.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	379643	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	381804	17.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1098445	21.92	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1420142	21.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	158775	19.31	ng/ul	0.00
58) Fluorene-d10	15.35	176	987887	22.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	80033	14.16	ng/ul	0.00
71) Anthracene-d10	17.20	188	1506302	22.68	ng/ul	0.00
79) Pyrene-d10	19.50	212	1688592	23.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1984744	23.30	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.82	163	398894	8.145	ng/ul	99
70) Phenanthrene	17.14	178	174993	2.288	ng/ul	98
77) Fluoranthene	19.17	202	250037	2.852	ng/ul#	93
80) Pyrene	19.53	202	294123	3.193	ng/ul#	87
83) Benzo(a)anthracene	21.28	228	144090	1.551	ng/ul	97
85) Chrysene	21.33	228	157346	1.817	ng/ul	96
88) Benzo(b)fluoranthene	22.86	252	192275	1.967	ng/ul#	78
91) Benzo(a)pyrene	23.44	252	141436	1.518	ng/ul#	77
94) Benzo(a,h,i)perylene	26.46	276	127811	1.387	ng/ul#	81

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

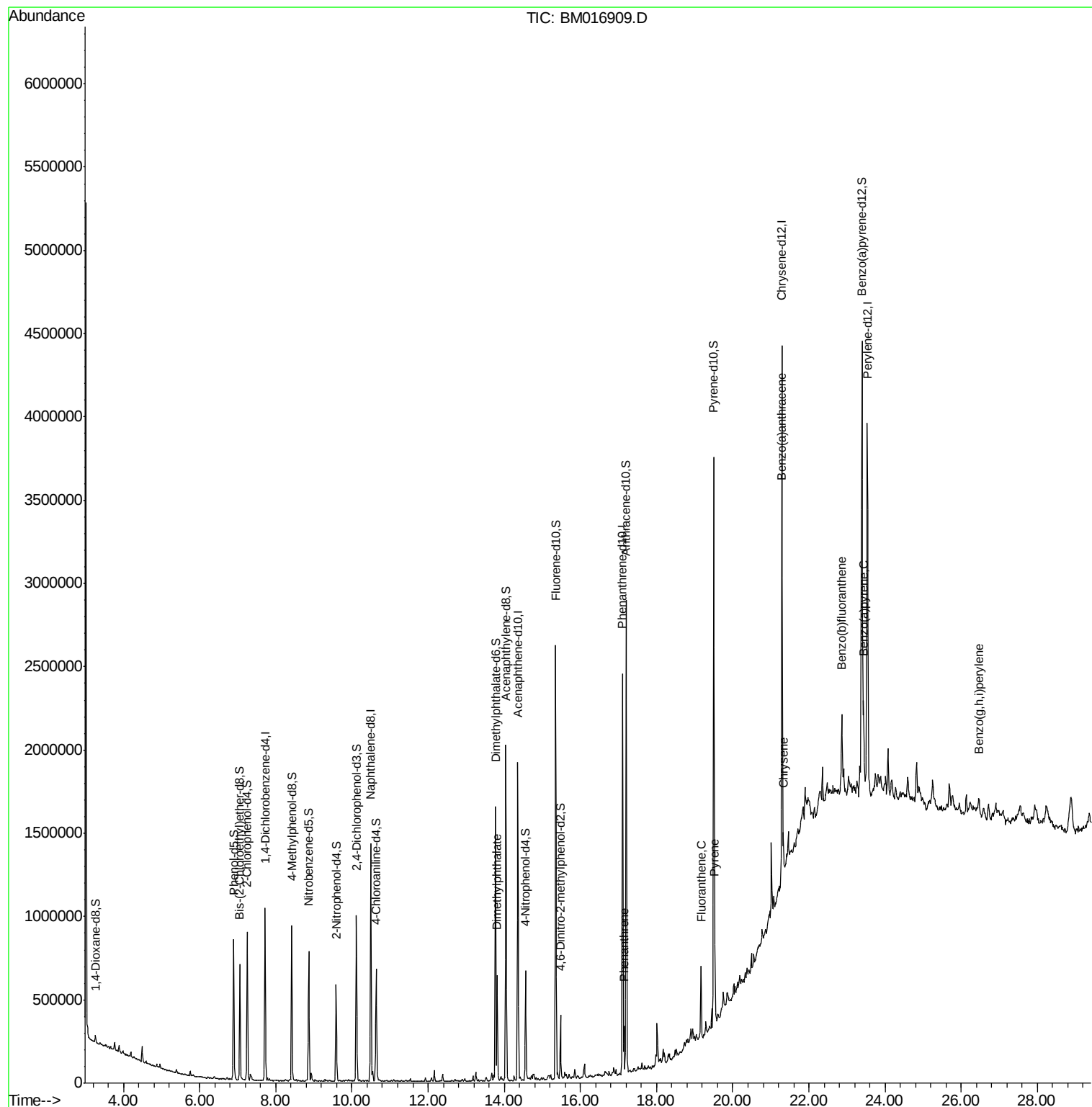
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016909.D
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ALS Vial : 21 Sample Multiplier: 1

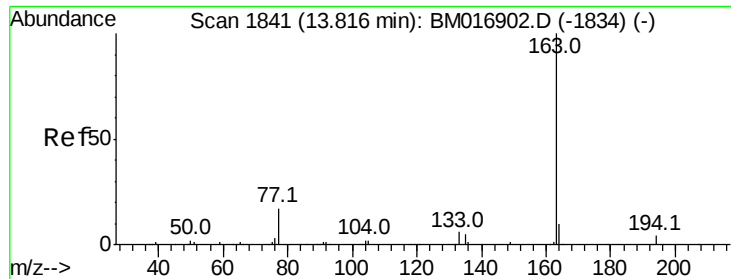
Instrument :
BNA_M
ClientSampleId :
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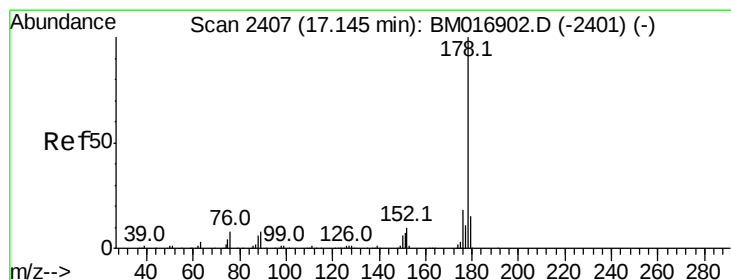
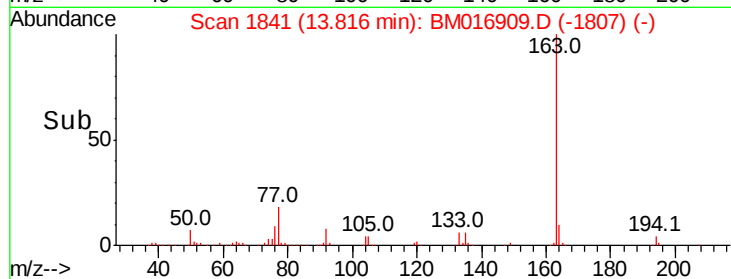
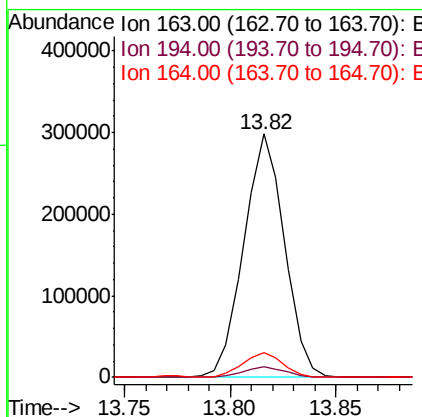
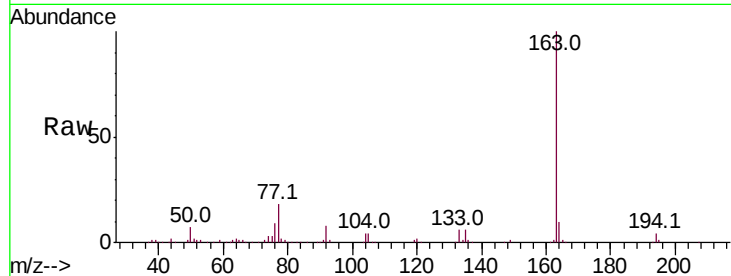
#45
Dimethylphthalate
Concen: 8.145 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM016909.D
Acq: 26 Sep 2018 21:02

Instrument :
BNA_M
ClientSampled :
E8JD8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	398894		
194	4.3		4.0	6.0
164	10.3		8.4	12.6

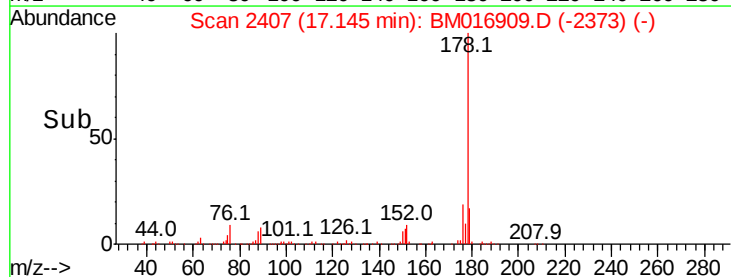
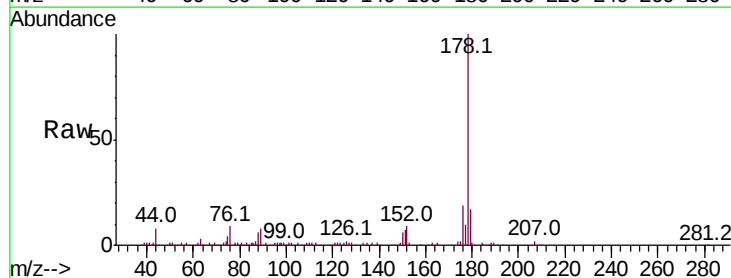
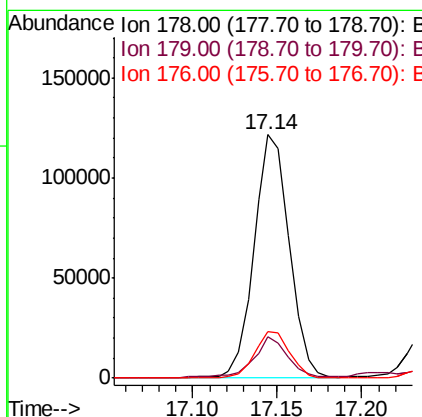
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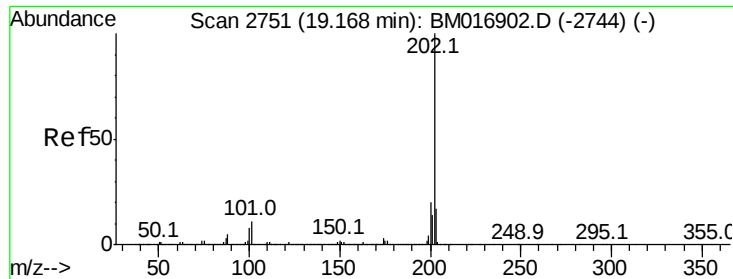
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#70
Phenanthrene
Concen: 2.288 ng/ul
RT: 17.14 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BM016909.D
Acq: 26 Sep 2018 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	174993		
179	17.0		12.3	18.5
176	19.2		15.4	23.0





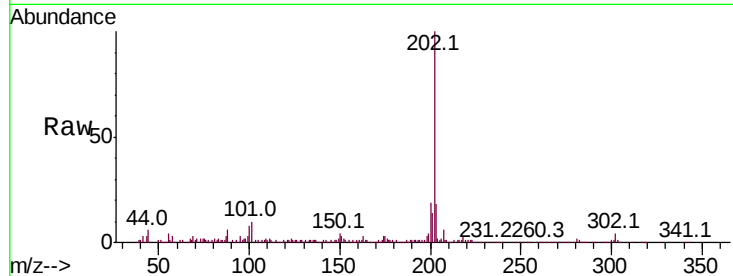
#77
 Fluoranthene
 Concen: 2.852 ng/ul
 RT: 19.17 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BM016909.D
 Acq: 26 Sep 2018 21:02

Instrument :
 BNA_M
 ClientSampled :
 E8JD8

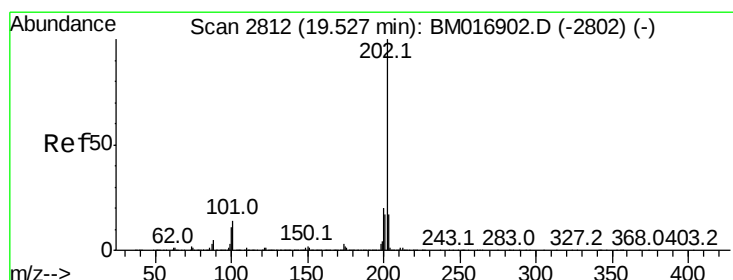
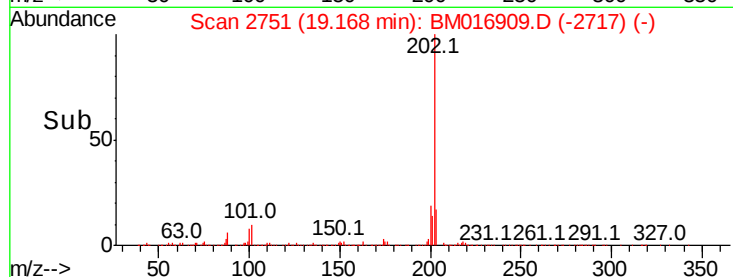
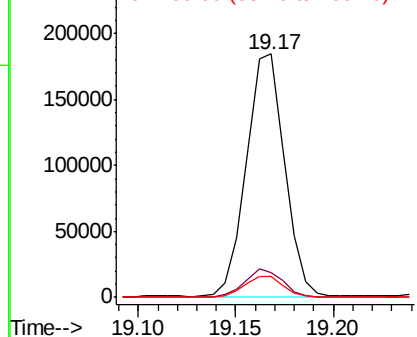
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	6.1	9.1#
100	8.4	4.6	7.0#

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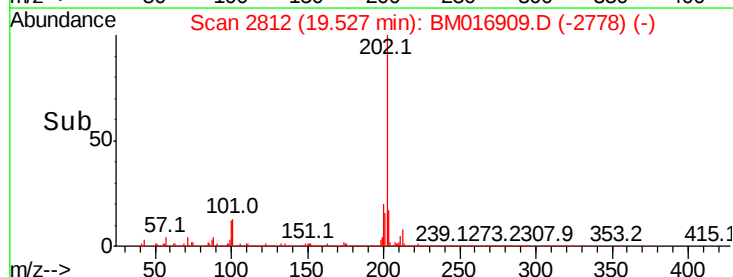
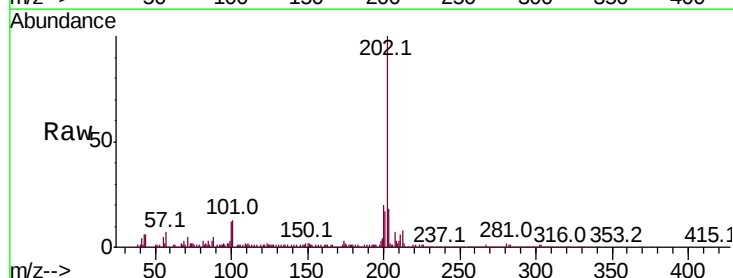
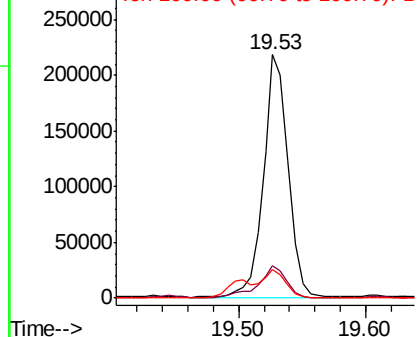
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

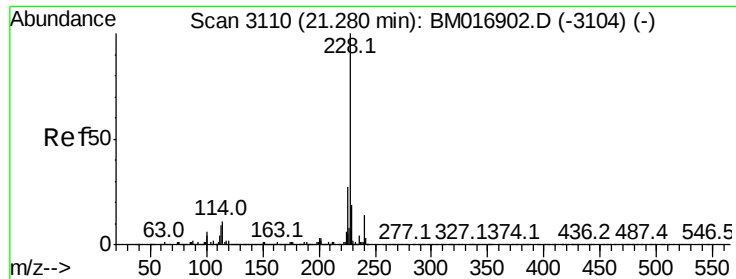


#80
 Pyrene
 Concen: 3.193 ng/ul
 RT: 19.53 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BM016909.D
 Acq: 26 Sep 2018 21:02

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	6.9	10.3#
100	11.6	5.6	8.4#

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





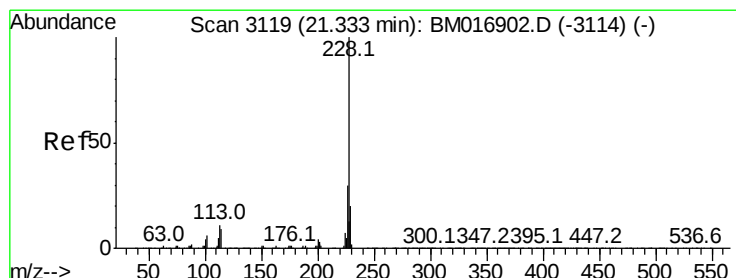
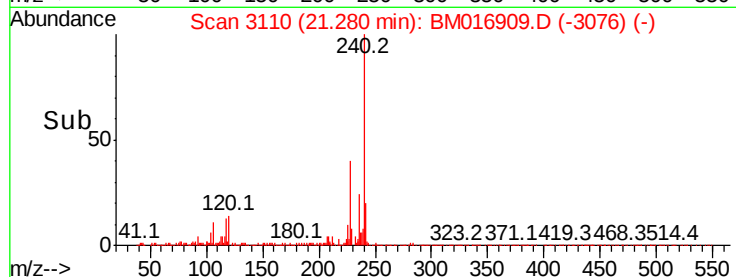
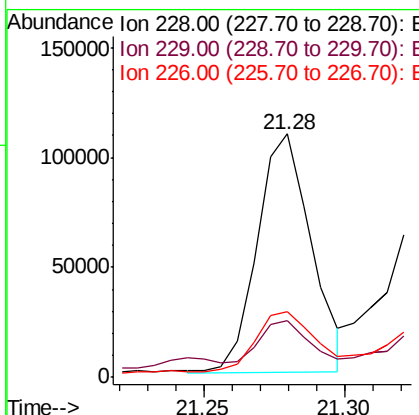
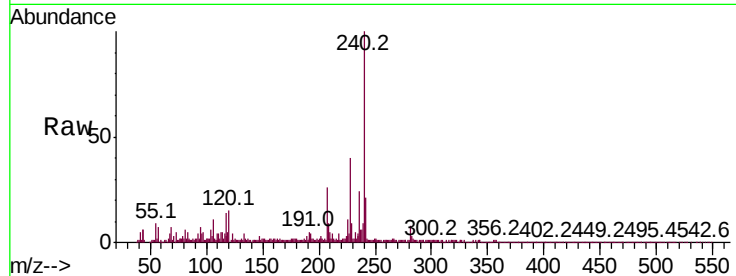
#83
Benzo(a)anthracene
Concen: 1.551 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BM016909.D
Acq: 26 Sep 2018 21:02

Instrument :
BNA_M
ClientSampled :
E8JD8

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.0	24.0
226	27.1	21.8	32.8

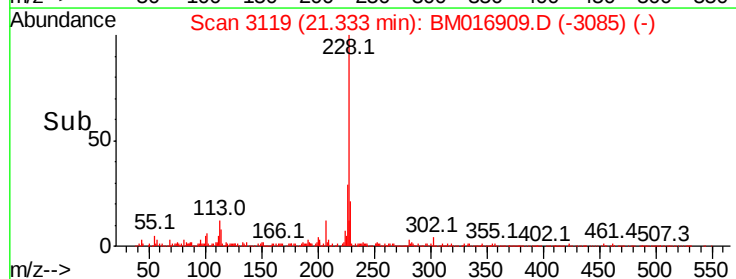
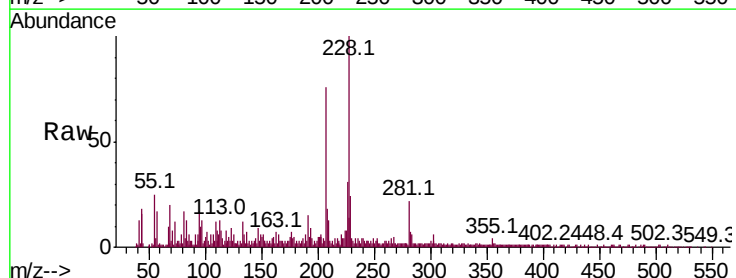
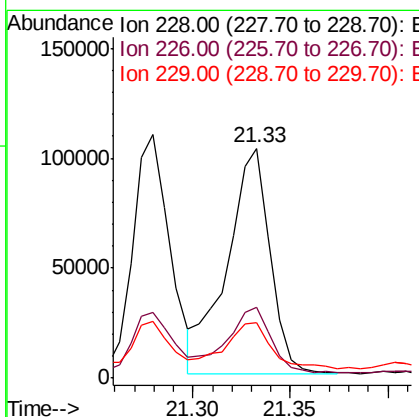
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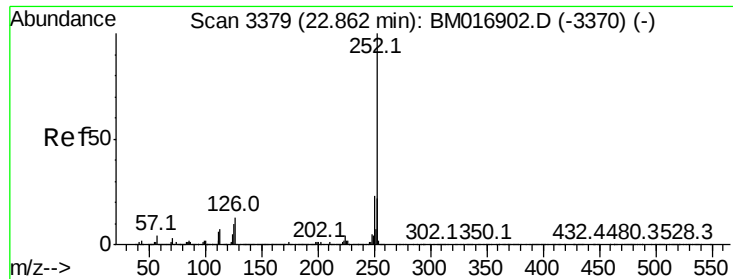
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#85
Chrysene
Concen: 1.817 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BM016909.D
Acq: 26 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	23.9	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 1.967 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. 0.00 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

Instrument :

BNA_M

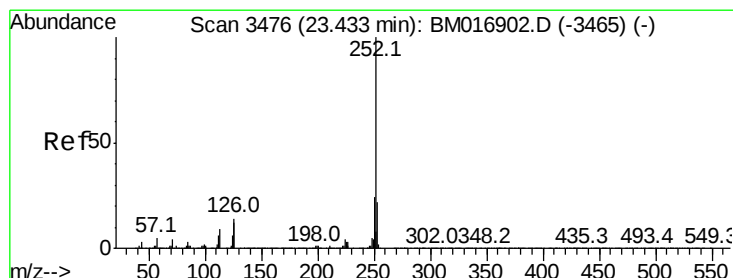
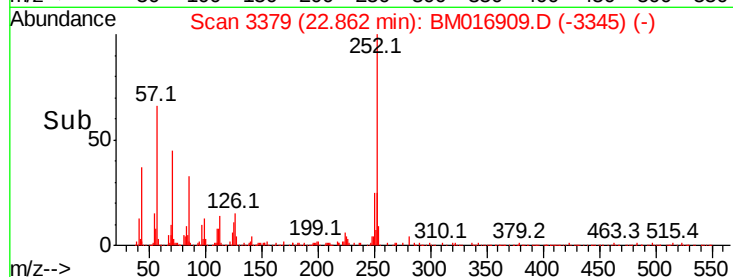
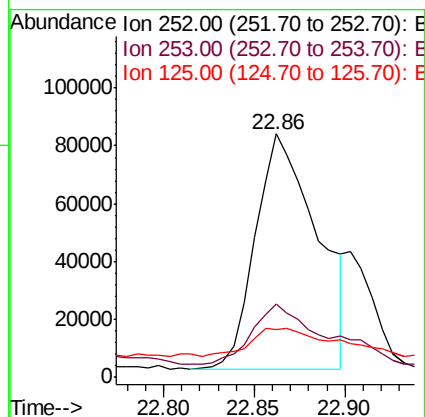
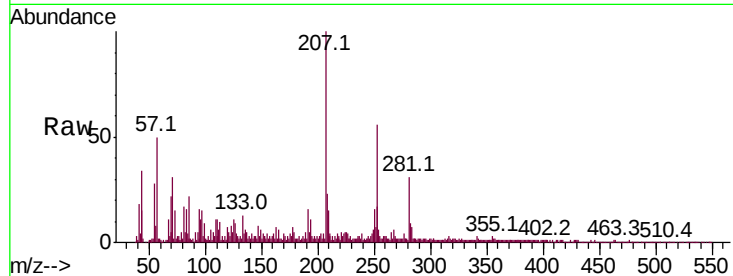
ClientSampleId :

E8JD8

Tot Ion:	252	Resp:	192275
Ion Ratio	Lower	Upper	
252	100		
253	29.9	17.4	26.0#
125	19.8	4.9	7.3#

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#91

Benzo(a)pyrene

Concen: 1.518 ng/ul

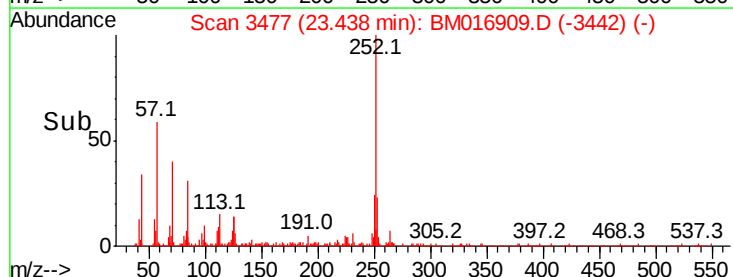
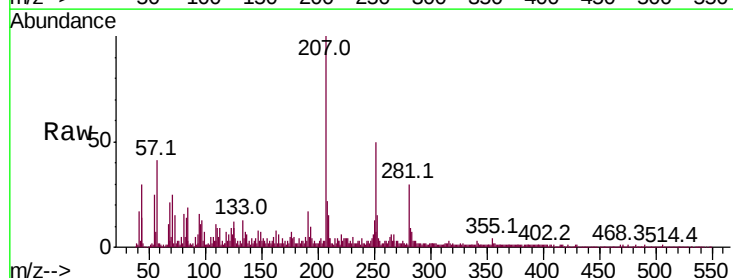
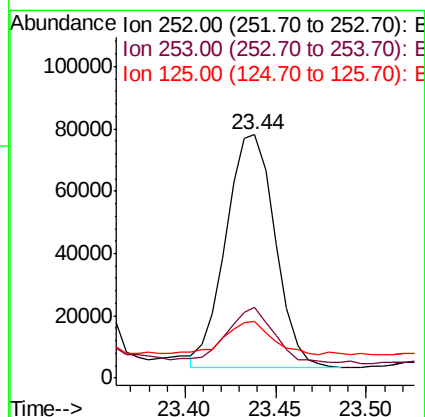
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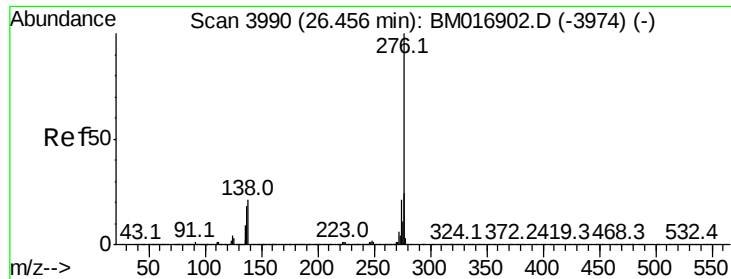
Delta R.T. 0.01 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

Tgt Ion:	252	Resp:	141436
Ion Ratio	Lower	Upper	
252	100		
253	29.0	17.2	25.8#
125	23.0	5.8	8.6#





#94

Benzo(a,h,i)perylene

Concen: 1.387 ng/ul

RT: 26.46 min Scan# 3991

Delta R.T. 0.01 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

Instrument :

BNA_M

ClientSampleId :

E8JD8

Tot Ion:	276	Resp:	127811
Ion Ratio	Lower	Upper	
276	100		
138	26.1	11.2	16.8#
277	29.9	19.0	28.6#

Manual Integrations
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