

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021715.D
 Acq On : 30 Jul 2019 04:16
 Operator : HP/JU
 Sample : K3922-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F0

Manual Integrations
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Quant Time: Jul 30 06:38:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 30 05:24:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	160254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	611761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	367339	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	772328	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	851063	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1024218	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	8942	2.68	ng/uL	0.00
5) Phenol-d5	6.85	99	163730	13.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	102071	14.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	147253	14.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	133849	13.23	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	69963	15.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	70463	13.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	159836	14.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	134585	13.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	501005	17.67	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	582919	17.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	23311	5.42	ng/ul	0.02
57) Fluorene-d10	15.32	176	446409	17.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	29374	6.12	ng/ul	0.00
70) Anthracene-d10	17.17	188	693718	17.85	ng/ul	0.00
78) Pyrene-d10	19.47	212	857081	17.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1022276	18.86	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.79	163	177364	6.027 ng/ul	99
69) Phenanthrene	17.12	178	185769	3.994 ng/ul	99
76) Fluoranthene	19.14	202	523951	9.655 ng/ul	99
79) Pyrene	19.50	202	432645	6.813 ng/ul	100
82) Benzo(a)anthracene	21.25	228	198105	3.196 ng/ul	98
84) Chrysene	21.30	228	254986	4.364 ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	384748	5.521 ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	122036m	1.791 ng/ul	
90) Benzo(a)pyrene	23.40	252	219583	3.365 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	181312	2.396 ng/ul#	95
93) Benzo(g,h,i)perylene	26.43	276	178883	2.843 ng/ul	98

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

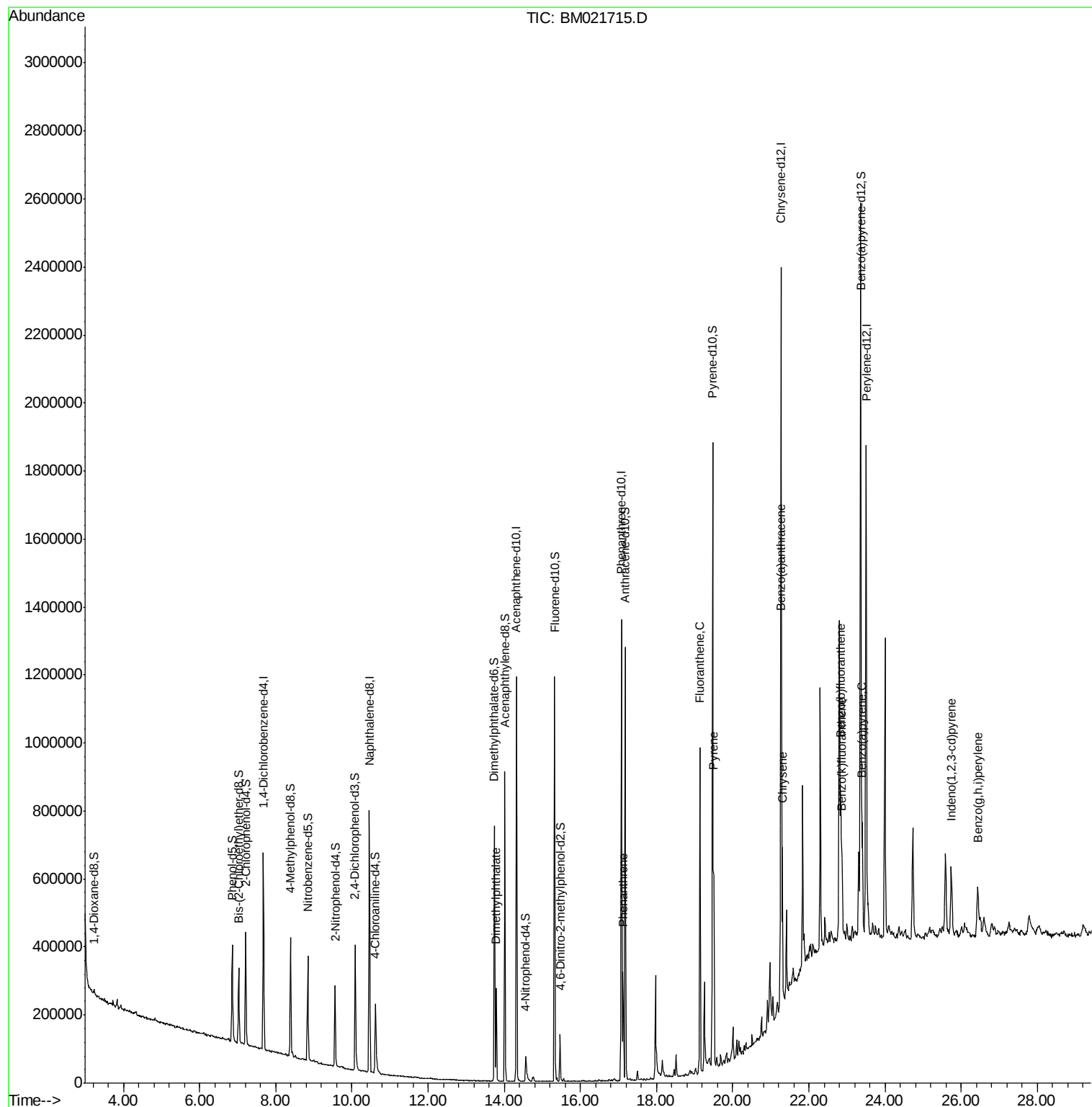
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021715.D
Acq On : 30 Jul 2019 04:16
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

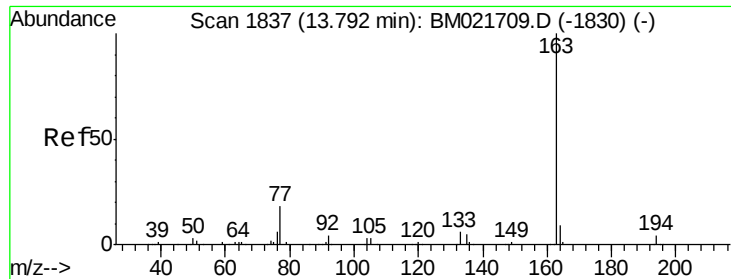
Instrument :
BNA_M
ClientSampled :
A52F0

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Quant Time: Jul 30 06:38:17 2019
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Quant Title : SVOA CALIBRATION
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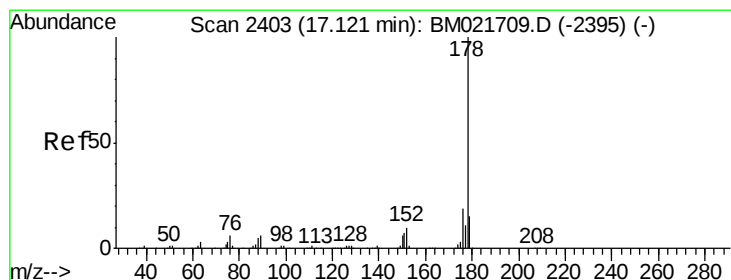
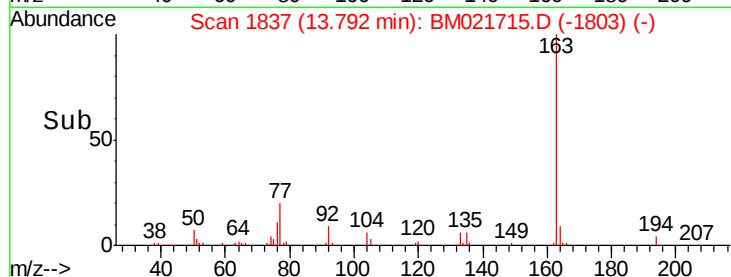
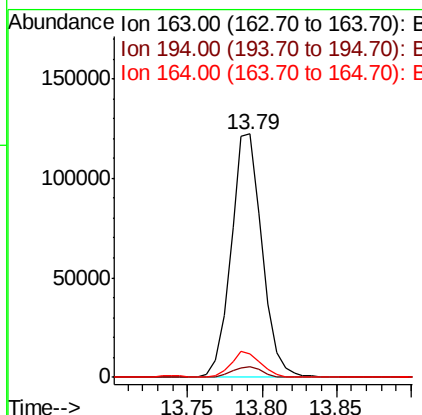
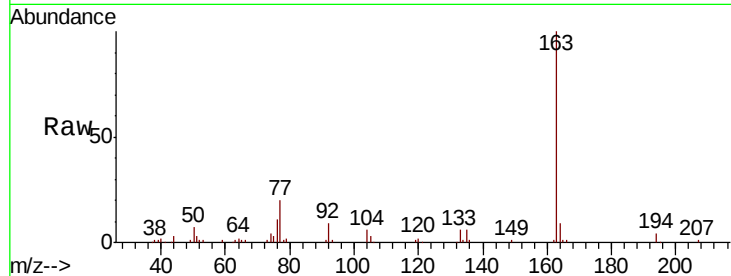
#44
Dimethylphthalate
Concen: 6.027 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM021715.D
Acq: 30 Jul 2019 04:16

Instrument :
BNA_M
ClientSampleId :
A52F0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	177364		
194	4.4	3.5	5.3	
164	9.4	8.1	12.1	

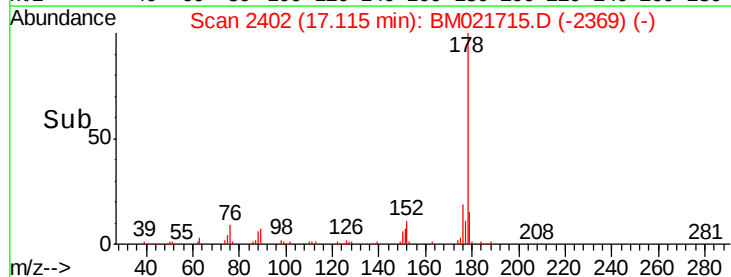
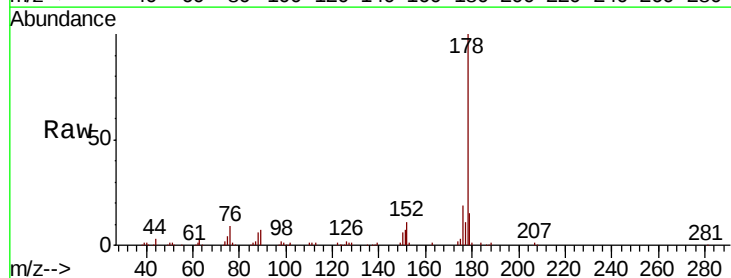
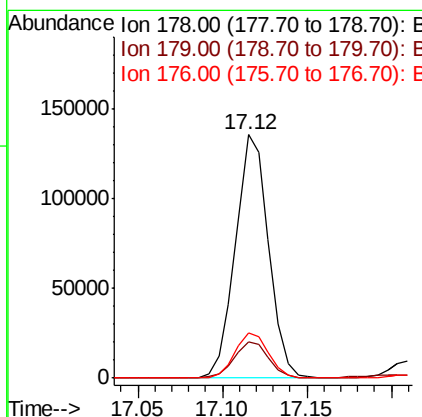
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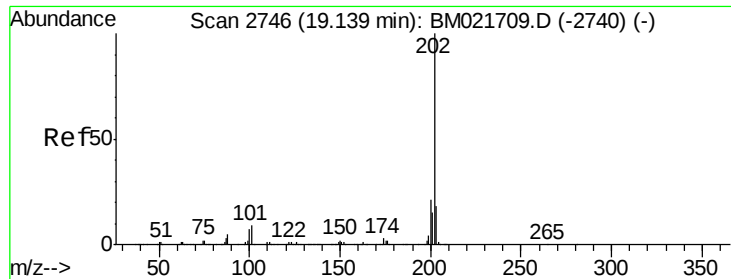
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#69
Phenanthrene
Concen: 3.994 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM021715.D
Acq: 30 Jul 2019 04:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	185769		
179	15.0	12.5	18.7	
176	18.7	15.4	23.2	





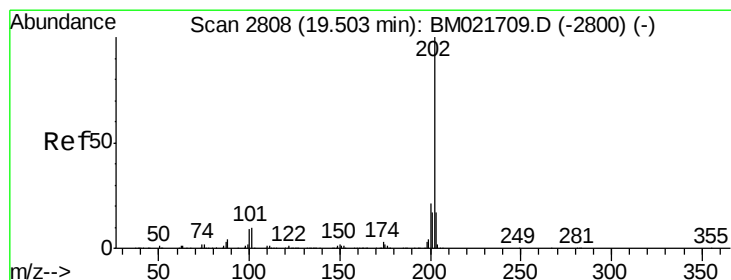
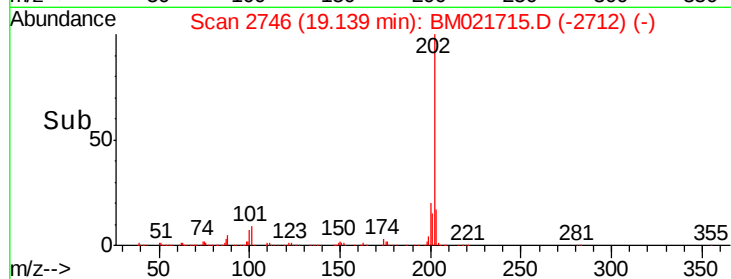
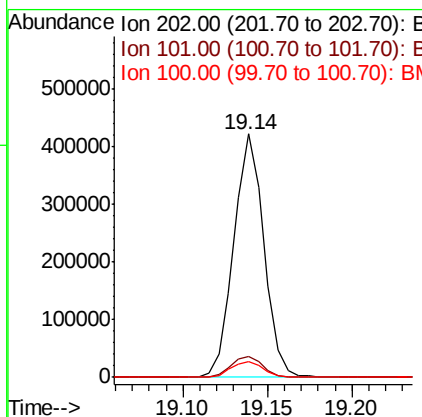
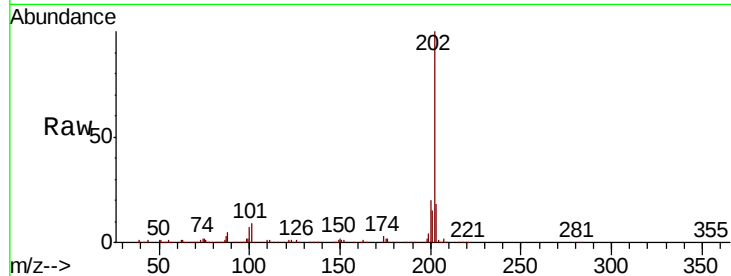
#76
 Fluoranthene
 Concen: 9.655 ng/ul
 RT: 19.14 min Scan# 2746
 Delta R.T. 0.00 min
 Lab File: BM021715.D
 Acq: 30 Jul 2019 04:16

Instrument :
 BNA_M
 ClientSampleId :
 A52F0

Tot Ion:202	Resp:	523951
Ion Ratio	Lower	Upper
202 100		
101 8.7	6.7	10.1
100 6.6	5.1	7.7

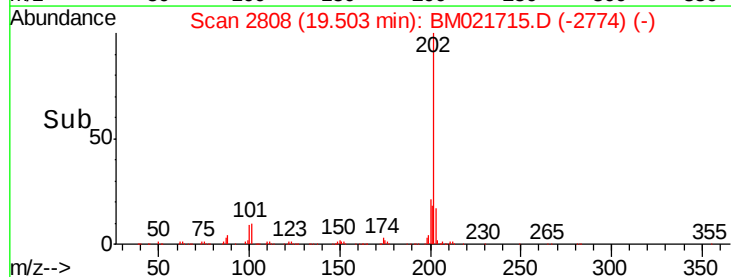
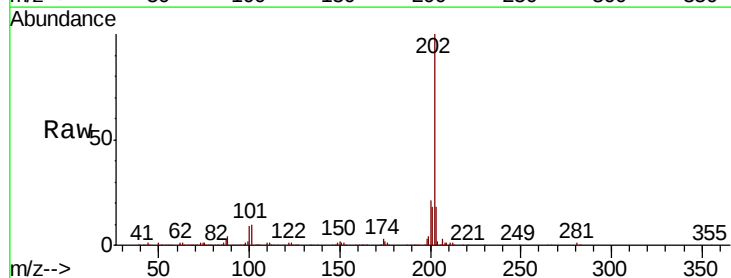
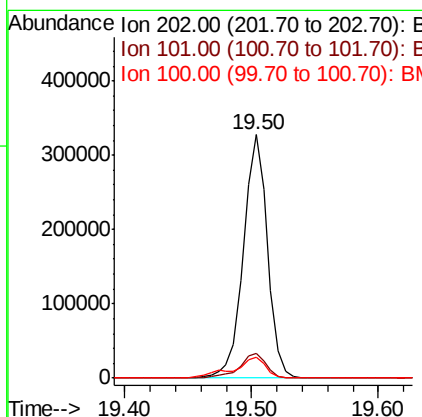
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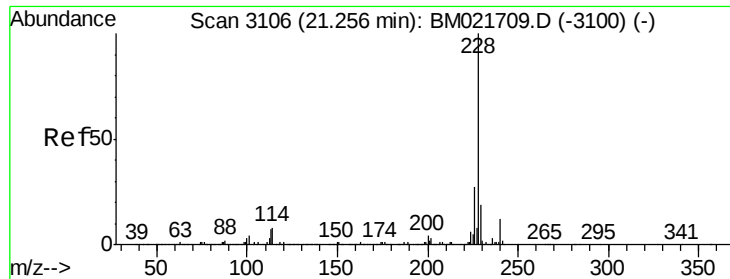
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#79
 Pyrene
 Concen: 6.813 ng/ul
 RT: 19.50 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: BM021715.D
 Acq: 30 Jul 2019 04:16

Tgt Ion:202	Resp:	432645
Ion Ratio	Lower	Upper
202 100		
101 10.1	8.2	12.2
100 8.8	7.0	10.4





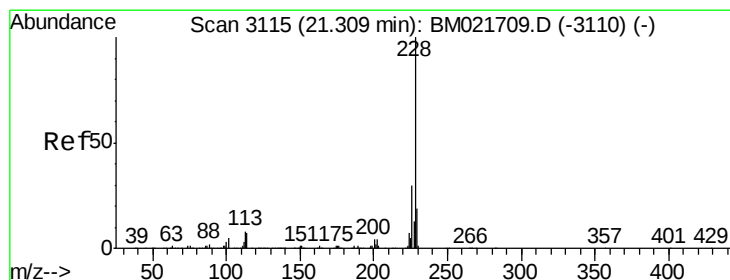
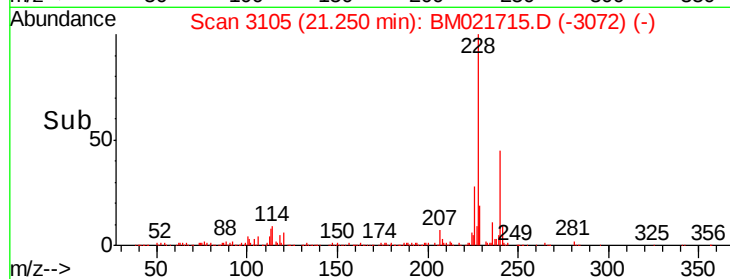
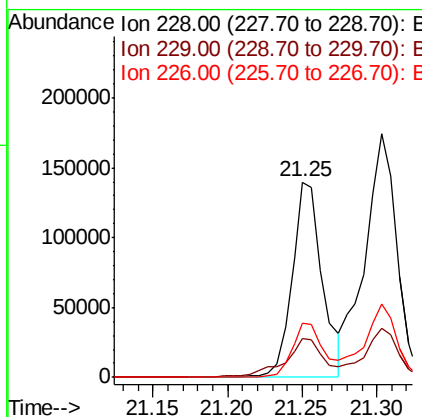
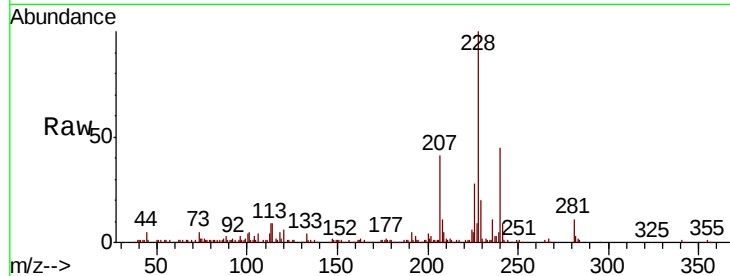
#82
Benzo(a)anthracene
Concen: 3.196 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM021715.D
Acq: 30 Jul 2019 04:16

Instrument :
BNA_M
ClientSampleId :
A52F0

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	28.0	21.4	32.2

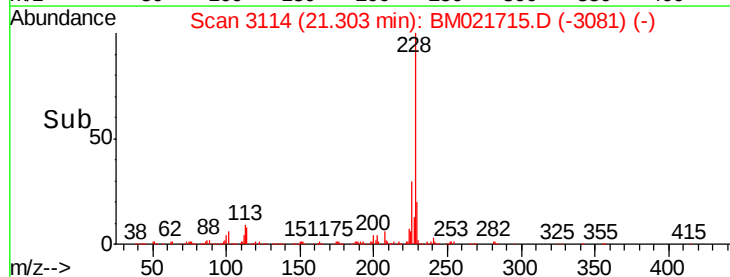
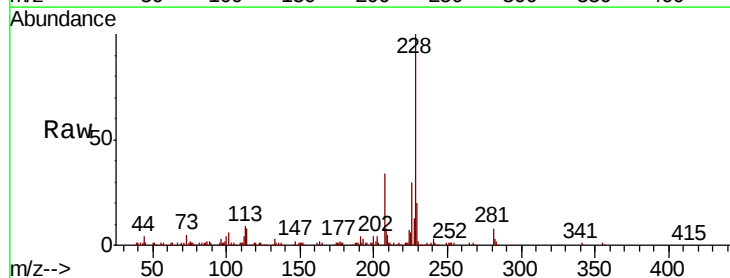
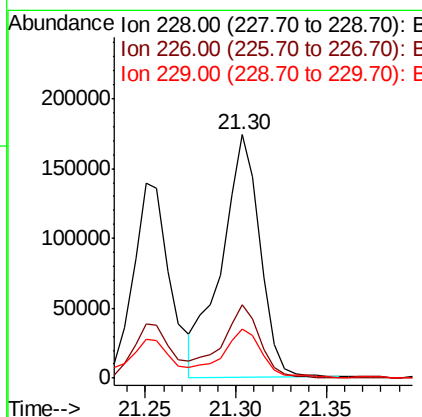
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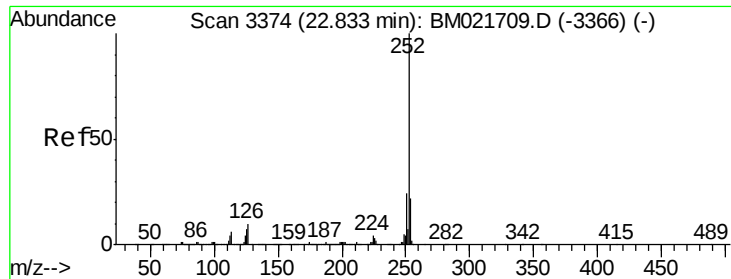
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#84
Chrysene
Concen: 4.364 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM021715.D
Acq: 30 Jul 2019 04:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.0	15.7	23.5





#87

Benzo(b)fluoranthene

Concen: 5.521 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BM021715.D

Acq: 30 Jul 2019 04:16

Instrument :

BNA_M

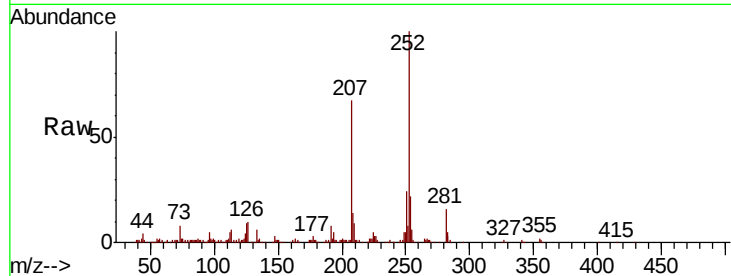
ClientSampleId :

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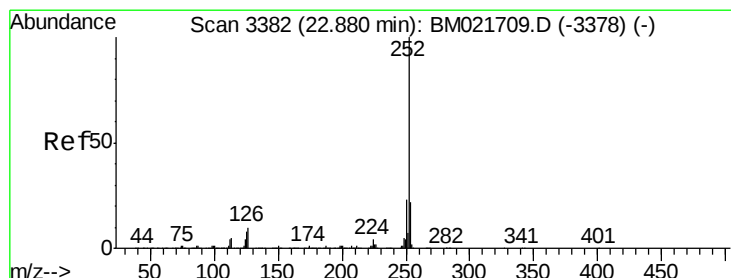
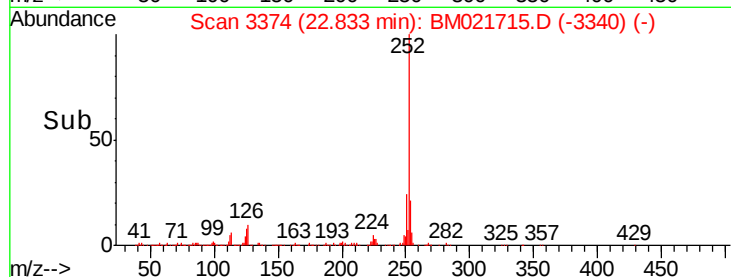
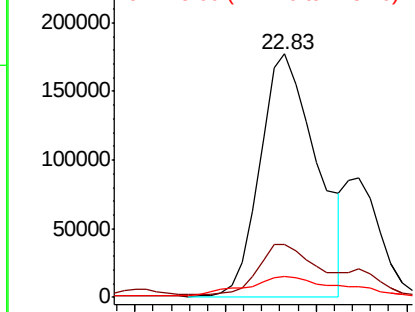
Tot Ion:	252	Resp:	384748
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	8.7	6.3	9.5

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.791 ng/ul m

RT: 22.87 min Scan# 3381

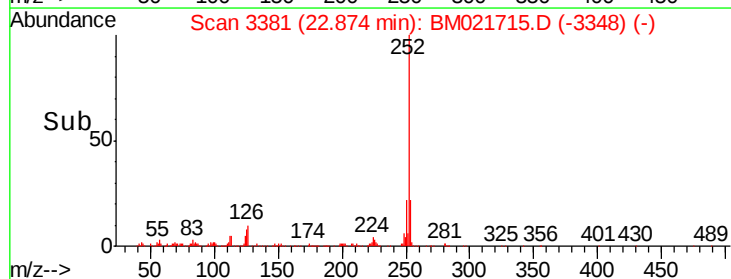
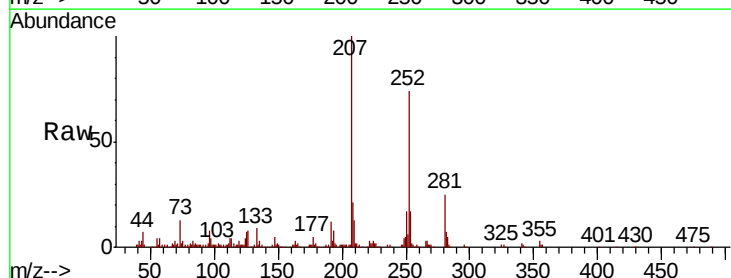
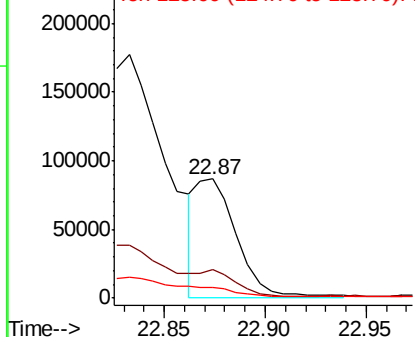
Delta R.T. -0.01 min

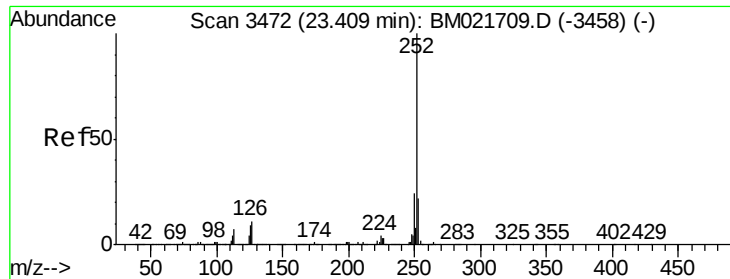
Lab File: BM021715.D

Acq: 30 Jul 2019 04:16

Tgt Ion:	252	Resp:	122036
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.7	26.5
125	9.0	6.3	9.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





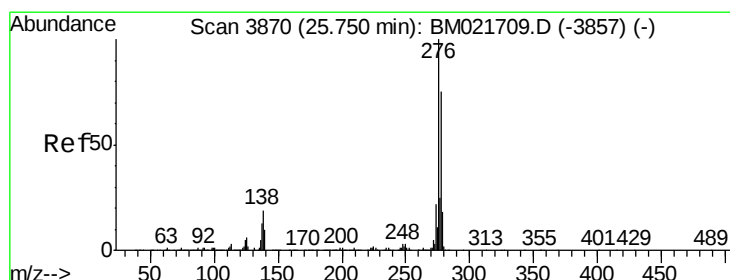
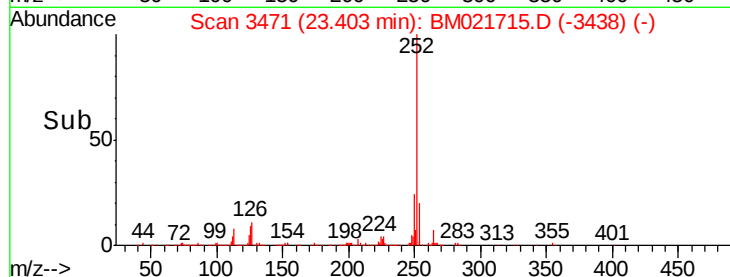
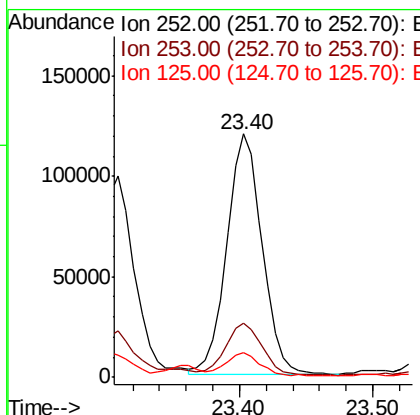
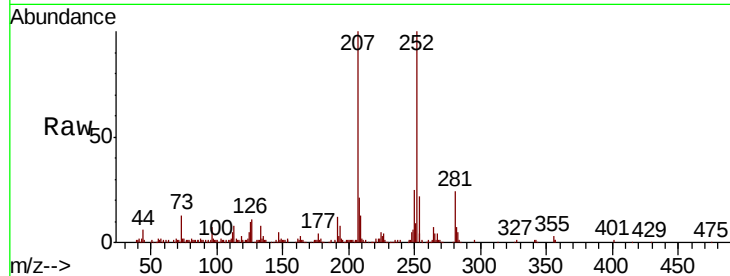
#90
Benzo(a)pyrene
Concen: 3.365 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM021715.D
Acq: 30 Jul 2019 04:16

Instrument :
BNA_M
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Tot Ion	Ratio	Resp	Lower	Upper
252	100	219583		
253	22.1		17.5	26.3
125	10.0		7.0	10.6

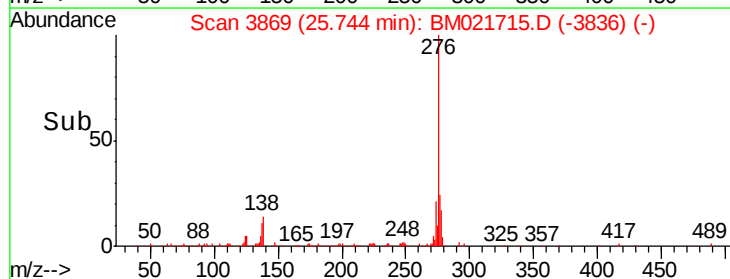
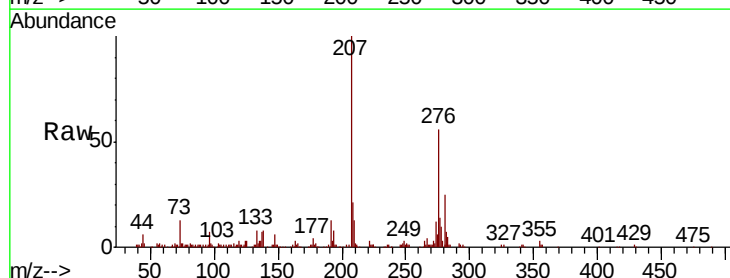
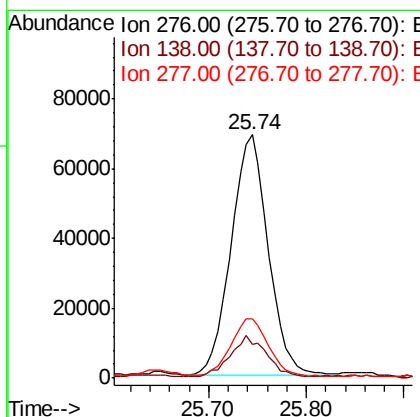
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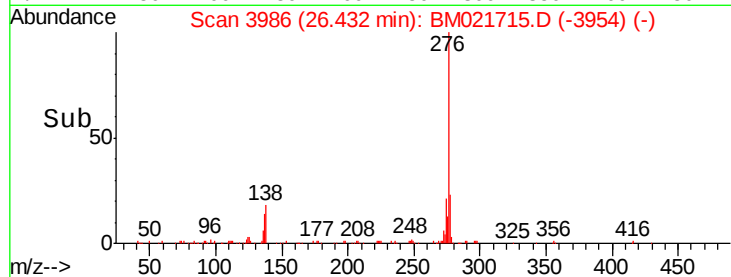
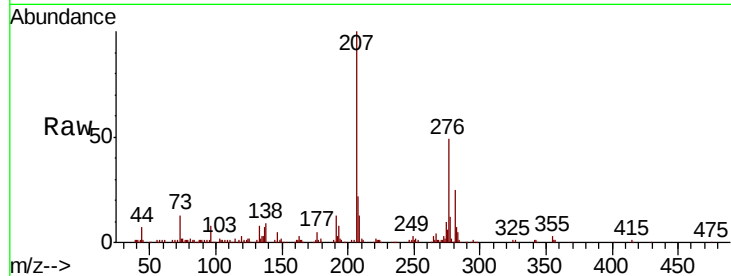
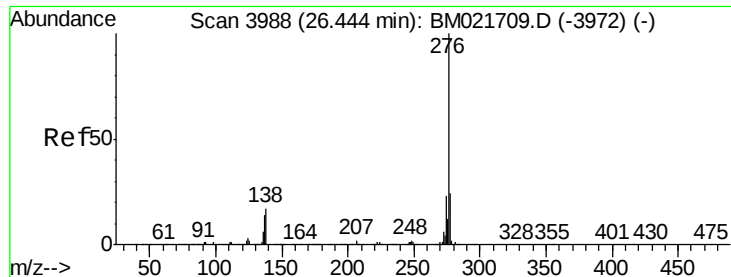
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.396 ng/ul
RT: 25.74 min Scan# 3869
Delta R.T. -0.01 min
Lab File: BM021715.D
Acq: 30 Jul 2019 04:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	181312		
138	14.1		14.8	22.2#
277	24.1		19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 2.843 ng/ul

RT: 26.43 min Scan# 3986

Delta R.T. -0.01 min

Lab File: BM021715.D

Acq: 30 Jul 2019 04:16

Tot Ion:	276	Resp:	178883
Ion Ratio	Lower	Upper	
276	100		
138	18.1	13.1	19.7
277	23.9	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

A52F0

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