

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
 Data File : BM023704.D
 Acq On : 13 Nov 2019 19:31
 Operator : JU
 Sample : K5678-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM57

Manual Integrations
 APPROVED

mohammad
 11/14/2019 6:59:38 AM

Quant Time: Nov 14 01:48:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 14 01:13:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	461111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2110728	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1437295	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2994168	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2128623	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2180588	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	26373	2.36	ng/uL	0.00
5) Phenol-d5	6.73	99	744220	17.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	421720	17.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	580526	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	589711	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	302383	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	347428	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	698824	19.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	311618	7.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2209222	19.71	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2596568	20.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	161257	8.43	ng/ul	0.00
58) Fluorene-d10	15.19	176	1969170	19.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	201040	11.61	ng/ul	0.00
71) Anthracene-d10	17.04	188	2910028	20.49	ng/ul	0.00
79) Pyrene-d10	19.34	212	2840775	25.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2318424	20.20	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.66	163	292317	2.661	ng/ul	99
70) Phenanthrene	16.99	178	674141	4.088	ng/ul	100
77) Fluoranthene	19.01	202	1089575	6.166	ng/ul	98
80) Pyrene	19.37	202	1088292	7.910	ng/ul	99
83) Benzo(a)anthracene	21.13	228	323592	2.305	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.09	149	110554	1.680	ng/ul#	99
85) Chrysene	21.18	228	482932	3.654	ng/ul#	96
88) Benzo(b)fluoranthene	22.67	252	593562	4.270	ng/ul#	80
89) Benzo(k)fluoranthene	22.71	252	211658m	1.580	ng/ul	
91) Benzo(a)pyrene	23.22	252	400101	3.144	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.46	276	313985	2.307	ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	323417	2.933	ng/ul	97

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

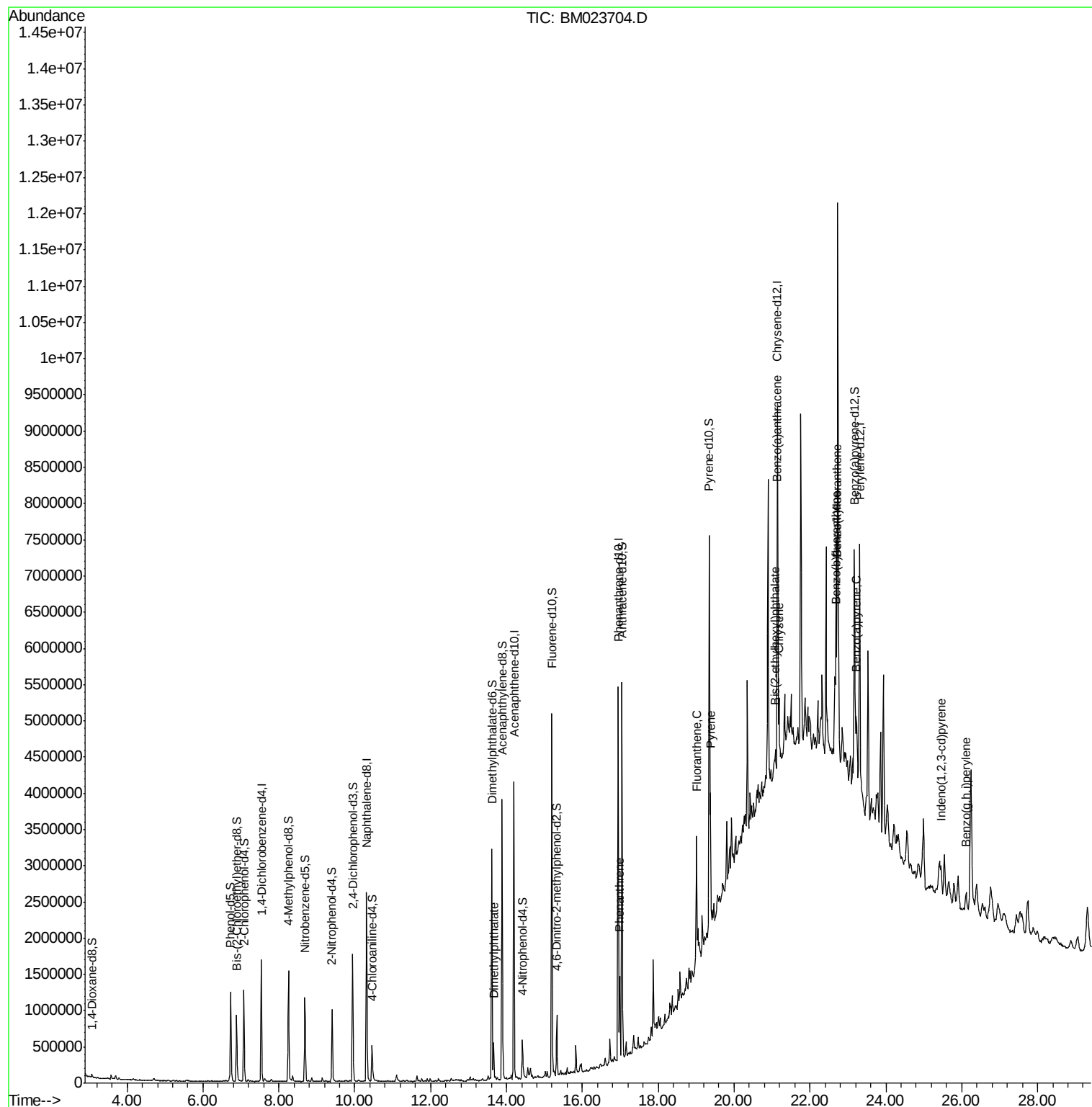
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023704.D
Acq On : 13 Nov 2019 19:31
Operator : JU
Sample : K5678-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

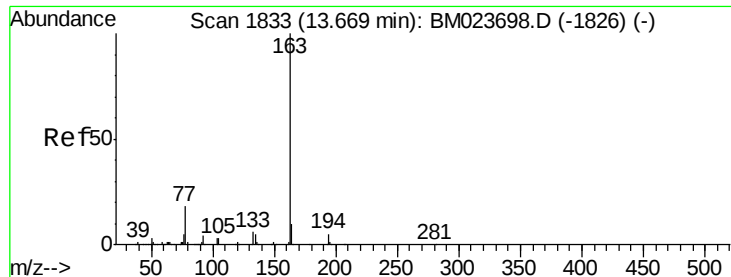
Instrument :
BNA_M
ClientSampleId :
JLM57

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





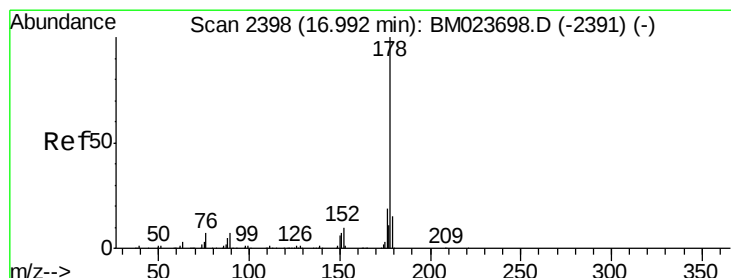
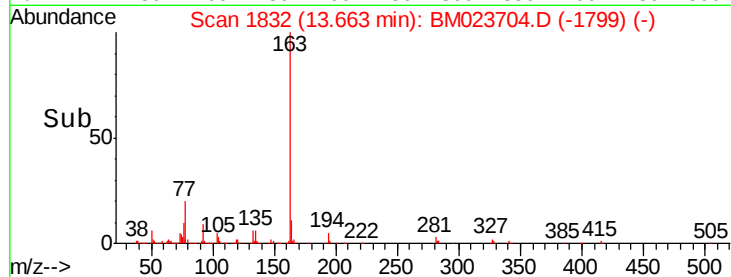
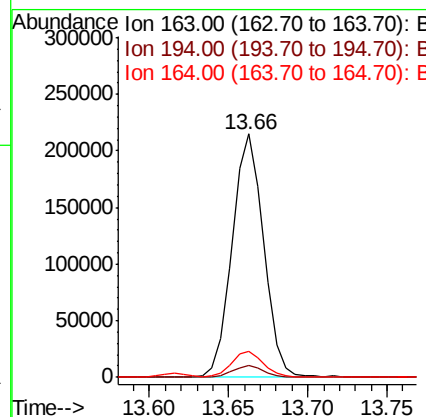
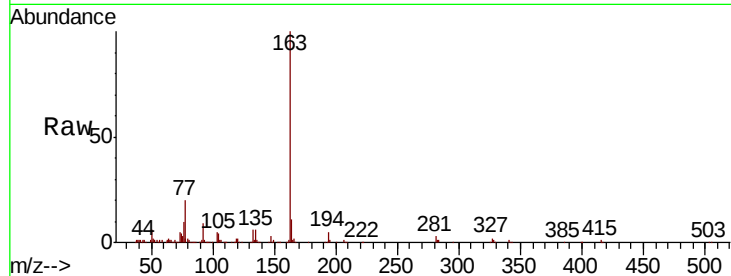
#45
Dimethylphthalate
Concen: 2.661 ng/ul
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

Instrument :
BNA_M
ClientSampleId :
JLM57

Tot Ion:	163	Resp:	292317
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.2
164	10.5	8.0	12.0

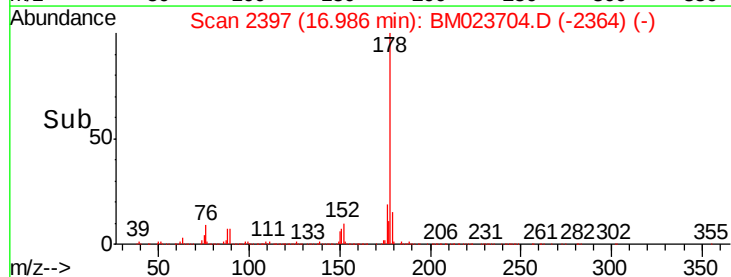
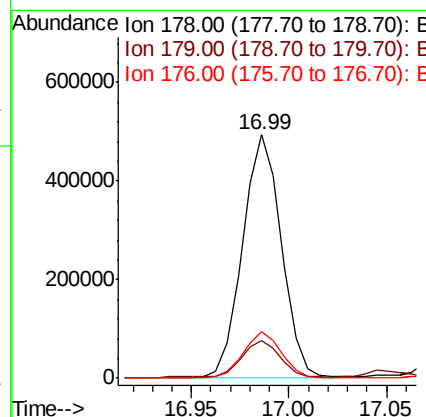
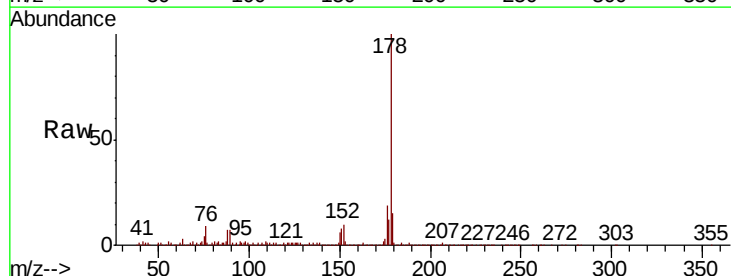
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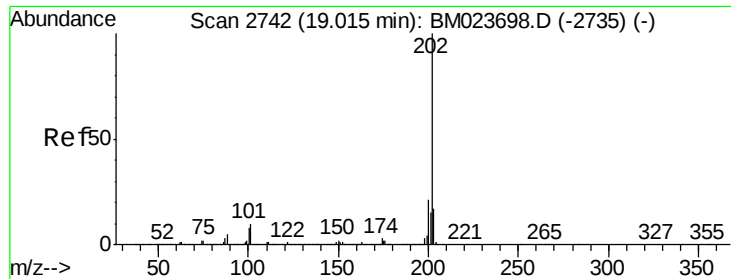
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#70
Phenanthrene
Concen: 4.088 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

Tgt Ion:	178	Resp:	674141
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	18.9	15.0	22.6





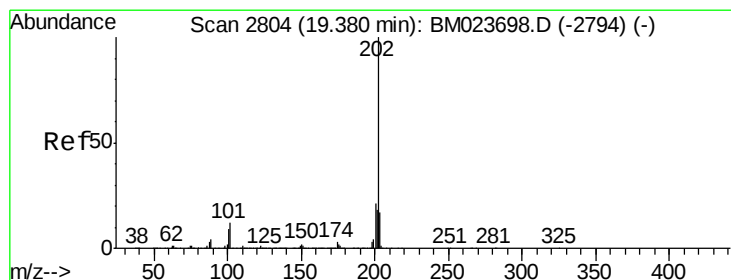
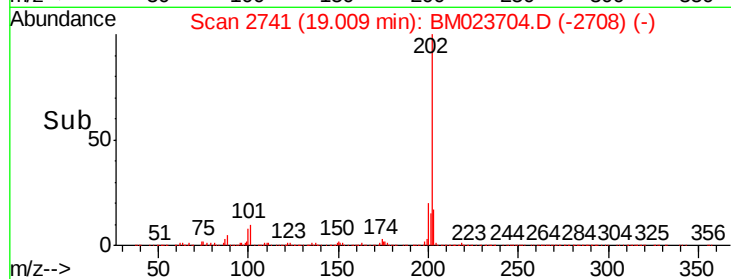
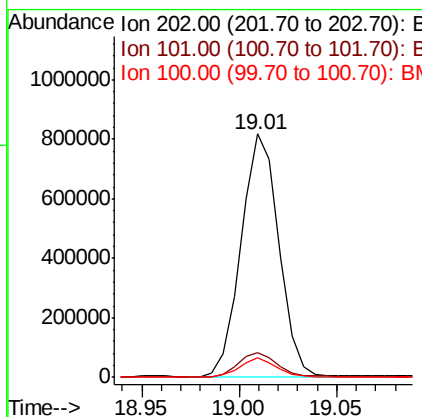
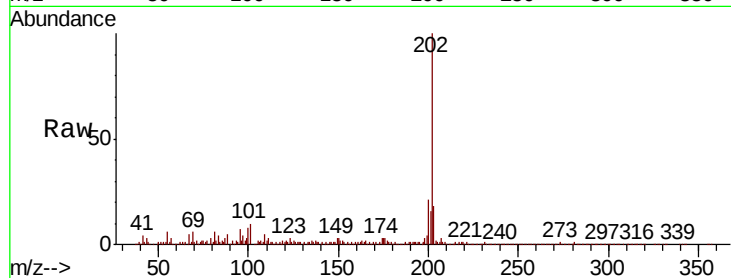
#77
 Fluoranthene
 Concen: 6.166 ng/ul
 RT: 19.01 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM023704.D
 Acq: 13 Nov 2019 19:31

Instrument :
 BNA_M
 ClientSampleId :
 JLM57

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.7	11.5
100	8.0	6.0	9.0

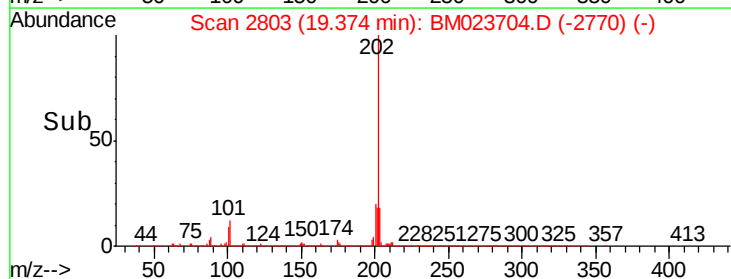
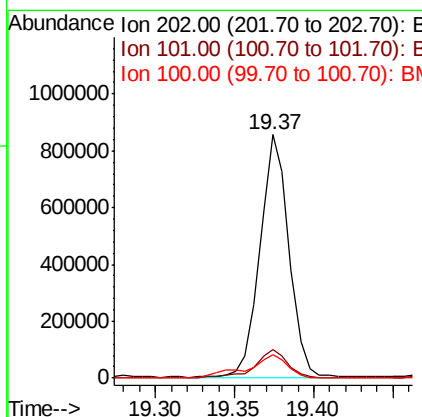
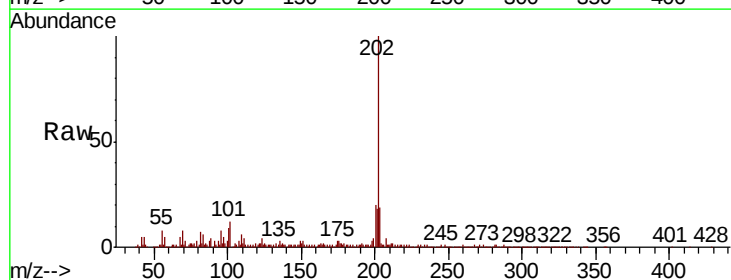
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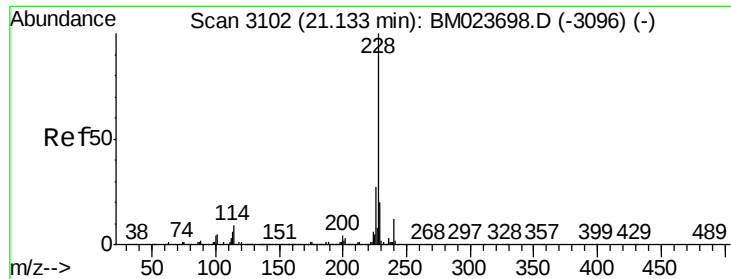
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#80
 Pyrene
 Concen: 7.910 ng/ul
 RT: 19.37 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM023704.D
 Acq: 13 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.6
100	9.4	8.1	12.1





#83

Benzo(a)anthracene

Concen: 2.305 ng/ul

RT: 21.13 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

Instrument :

BNA_M

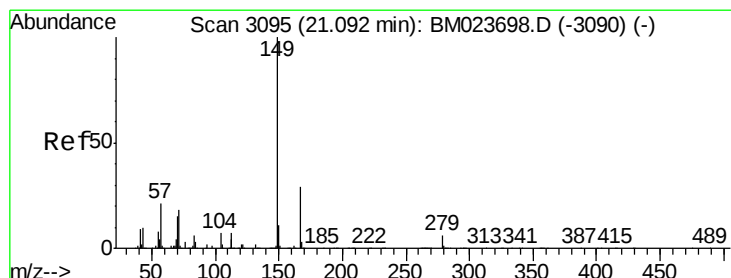
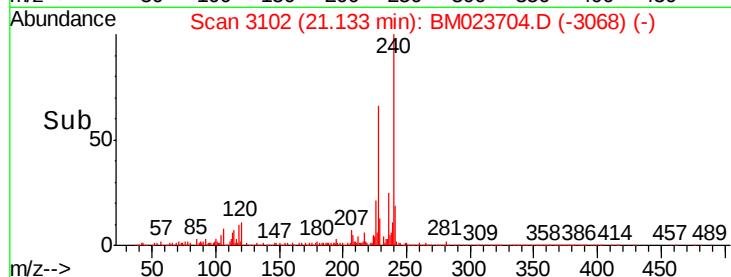
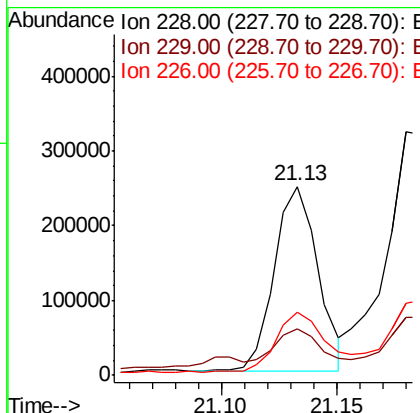
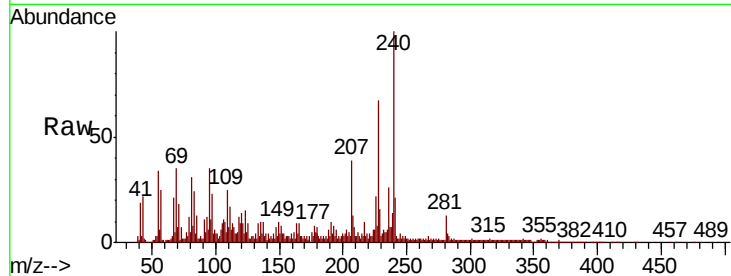
ClientSampleId :

JLM57

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.6	23.4#
226	33.3	21.4	32.2#

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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.680 ng/ul

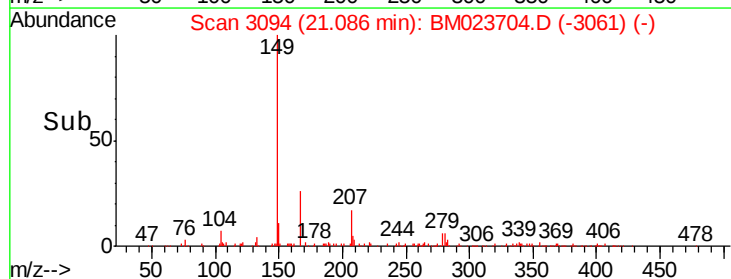
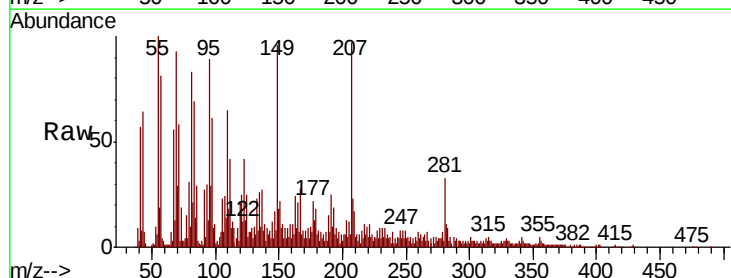
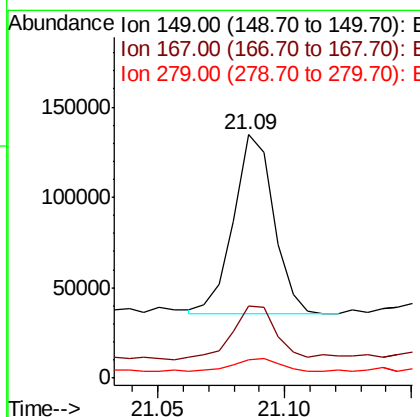
RT: 21.09 min Scan# 3094

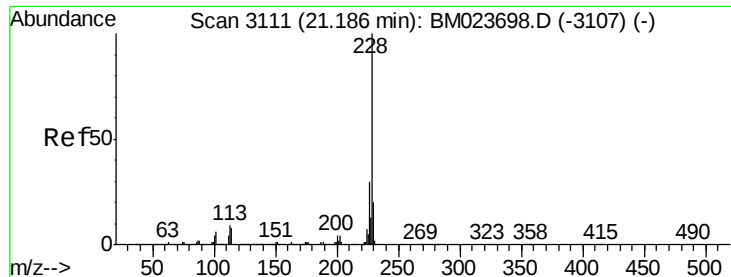
Delta R.T. -0.01 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.4	35.2
279	7.6	5.0	7.4#





#85

Chrysene

Concen: 3.654 ng/ul

RT: 21.18 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

Instrument :

BNA_M

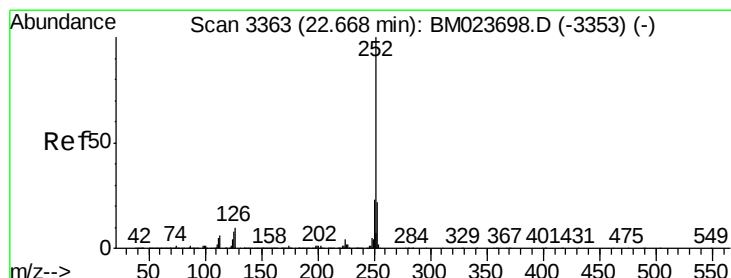
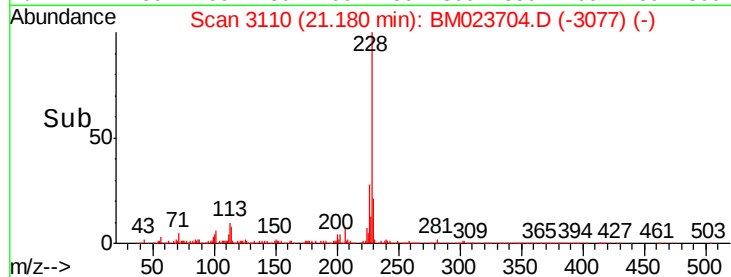
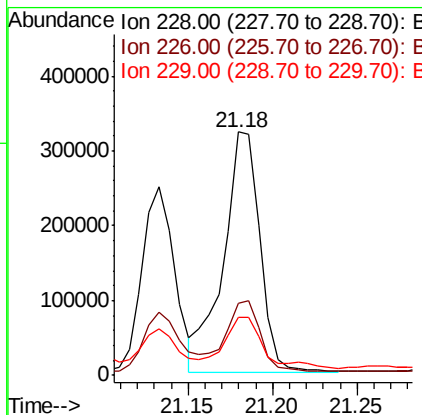
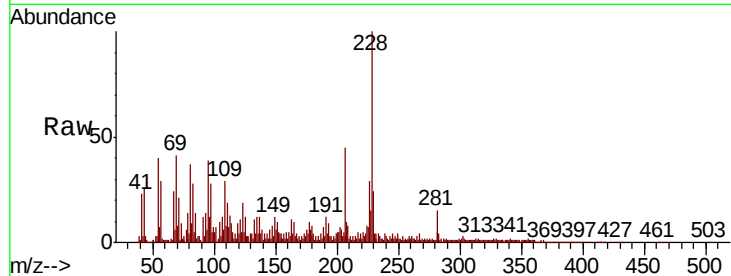
ClientSampleId :

JLM57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		482932		
226	29.4		23.8	35.8	
229	24.0		15.8	23.6	

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#88

Benzo(b)fluoranthene

Concen: 4.270 ng/ul

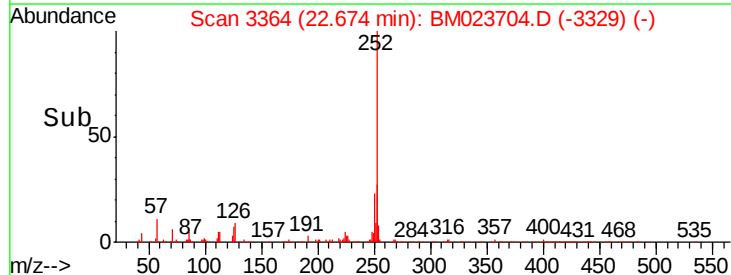
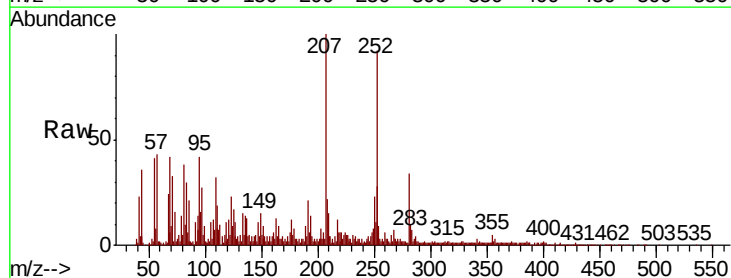
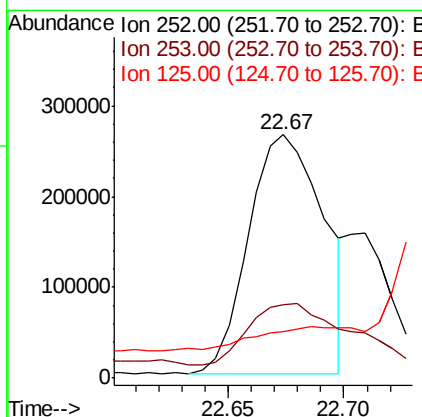
RT: 22.67 min Scan# 3364

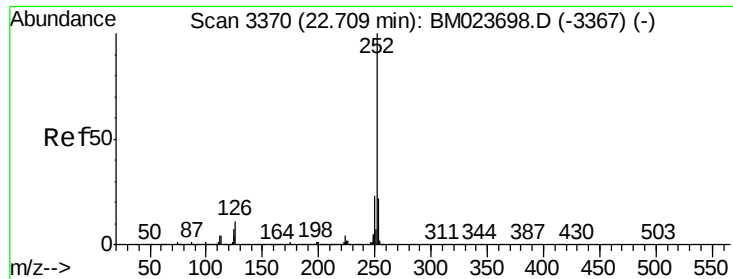
Delta R.T. 0.01 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		593562		
253	30.1		17.8	26.8	
125	18.9		6.5	9.7	





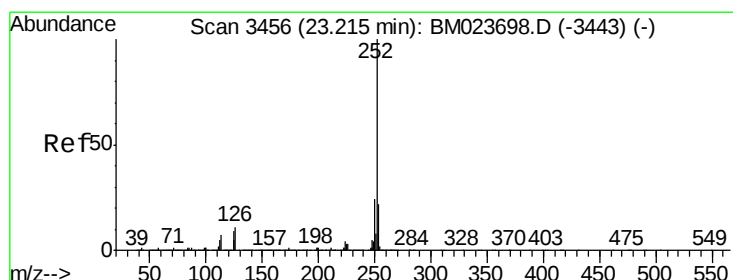
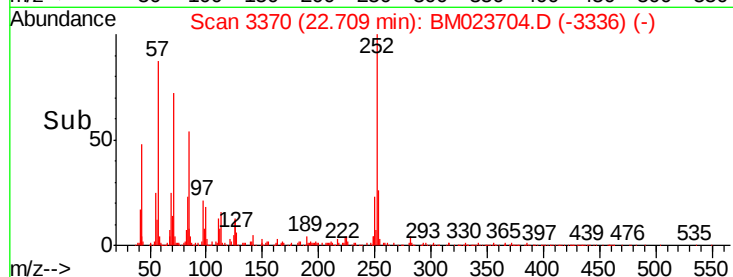
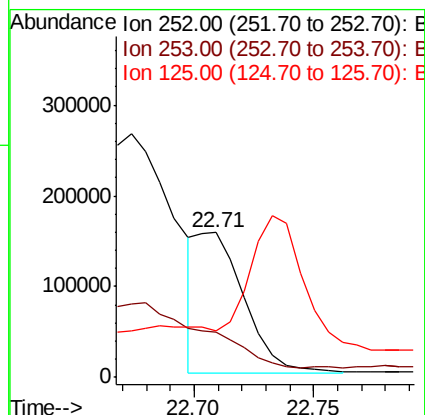
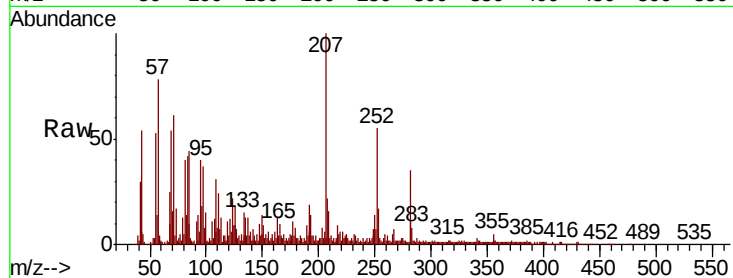
#89
Benzo(k)fluoranthene
Concen: 1.580 ng/ul m
RT: 22.71 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

Instrument :
BNA_M
ClientSampleId :
JLM57

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.2	25.8#
125	32.4	5.9	8.9#

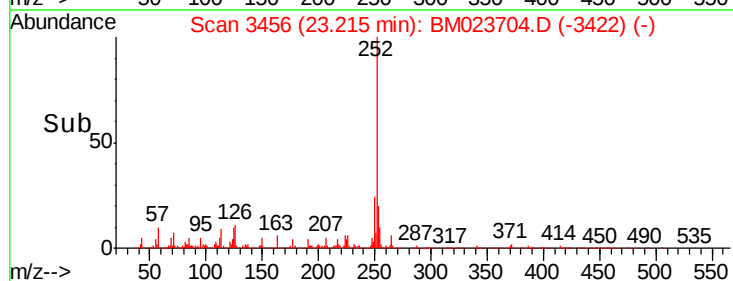
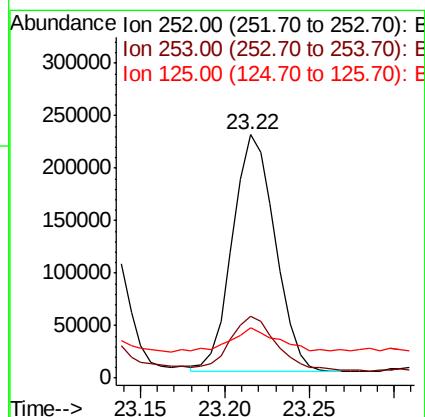
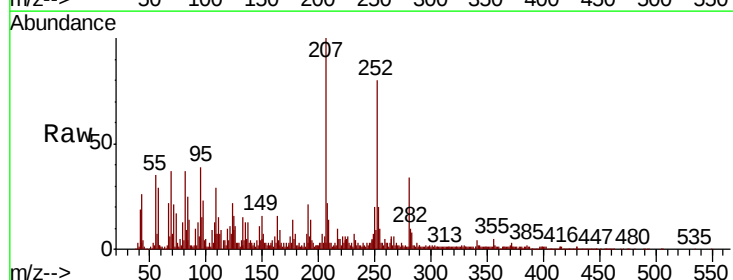
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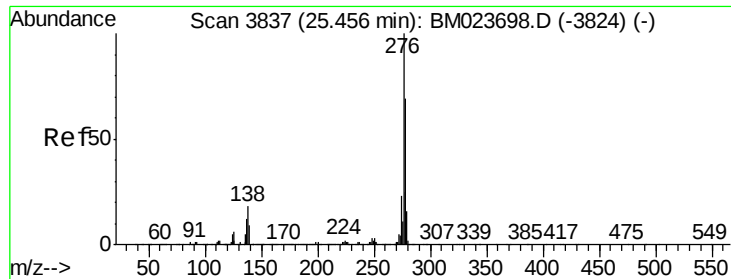
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#91
Benzo(a)pyrene
Concen: 3.144 ng/ul
RT: 23.22 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.3	25.9
125	20.7	6.9	10.3#





#92

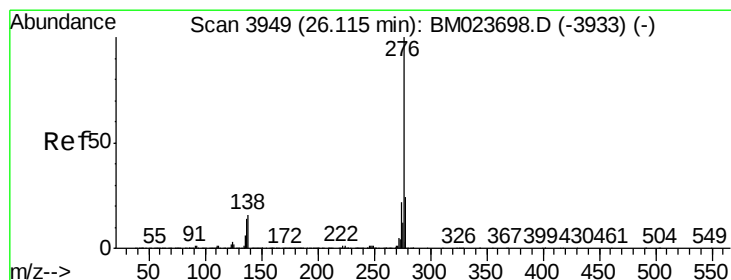
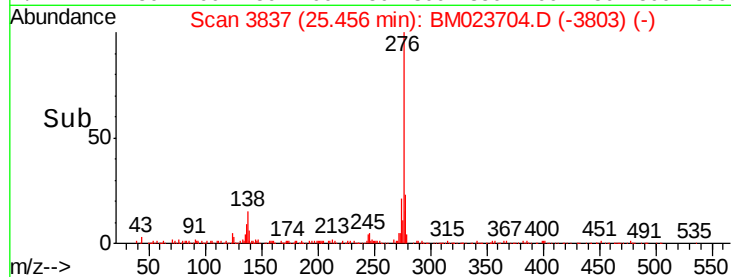
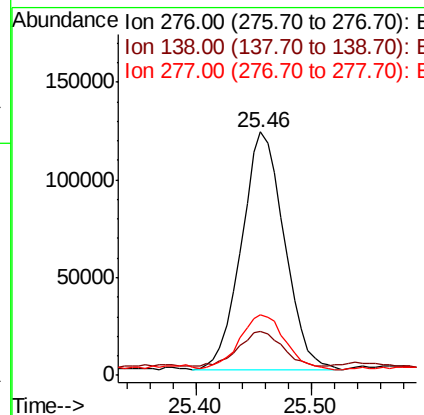
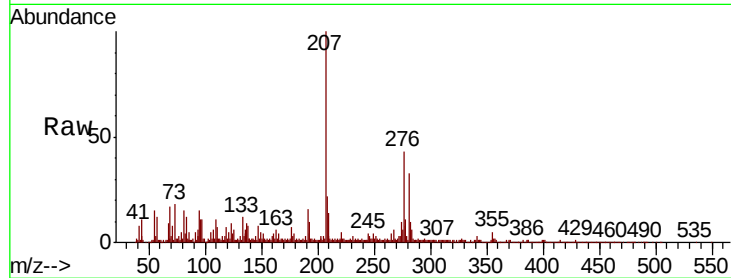
Indeno(1,2,3-cd)pyrene
Concen: 2.307 ng/ul
RT: 25.46 min Scan# 3837
Delta R.T. 0.00 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

Instrument :
BNA_M
ClientSampleId :
JLM57

Tot Ion	Ratio	Resp	Lower	Upper
276	100	313985		
138	17.8	15.0	22.4	
277	24.7	20.0	30.0	

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#94

Benzo(g,h,i)perylene
Concen: 2.933 ng/ul
RT: 26.11 min Scan# 3949
Delta R.T. 0.00 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	323417		
138	17.5	13.2	19.8	
277	25.0	18.6	28.0	

