

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
 Data File : BM023417.D
 Acq On : 28 Oct 2019 13:48
 Operator : JU
 Sample : K5395-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0030

Quant Time: Oct 29 12:11:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 25 07:44:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	379957	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.41	136	1509852	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.27	164	883548	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	1771798	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	1759090	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2084796	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	33676	4.21	ng/uL	0.00
5) Phenol-d5	6.81	99	696759	21.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	423437	22.64	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.16	132	574104	23.01	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	543953	20.99	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	279120	24.56	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.50	143	303471	24.06	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	551145	22.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	582891	20.45	ng/ul	-0.01
44) Dimethylphthalate-d6	13.69	166	1684671	25.11	ng/ul	-0.01
47) Acenaphthylene-d8	13.97	160	1970299	25.63	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	183016	15.75	ng/ul	0.00
58) Fluorene-d10	15.27	176	1428811	25.15	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	113161	10.26	ng/ul	0.00
71) Anthracene-d10	17.12	188	2180058	26.04	ng/ul	-0.01
79) Pyrene-d10	19.42	212	2400206	24.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2805203	26.41	ng/ul	0.00

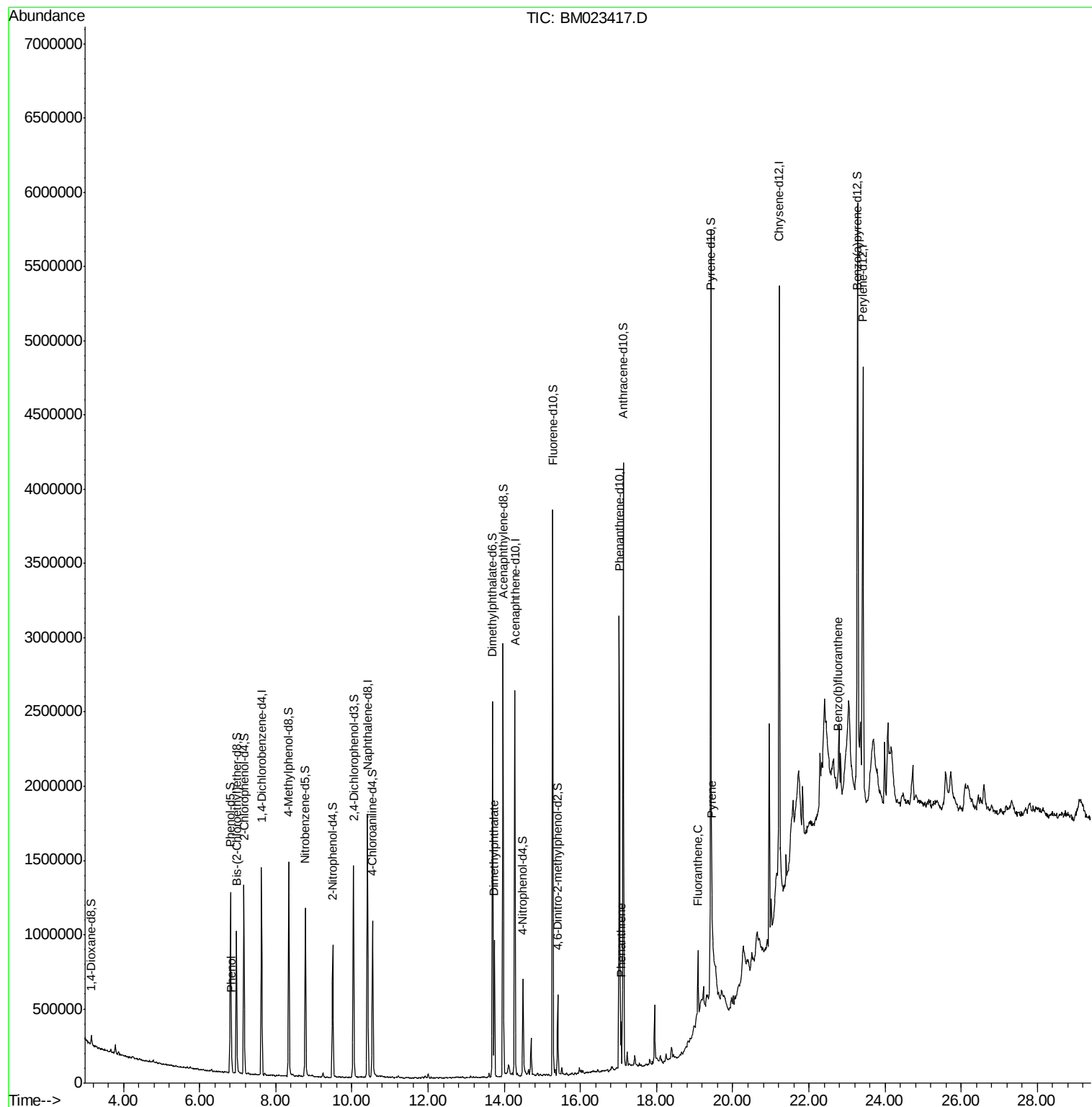
Target Compounds					Ovalue	
6) Phenol	6.84	94	67310	2.048	ng/ul	99
45) Dimethylphthalate	13.74	163	592431	8.794	ng/ul	99
70) Phenanthrene	17.06	178	179766	1.816	ng/ul	99
77) Fluoranthene	19.09	202	271065	2.625	ng/ul	98
80) Pyrene	19.45	202	224102	1.804	ng/ul	96
88) Benzo(b)fluoranthene	22.76	252	137683	1.028	ng/ul#	89

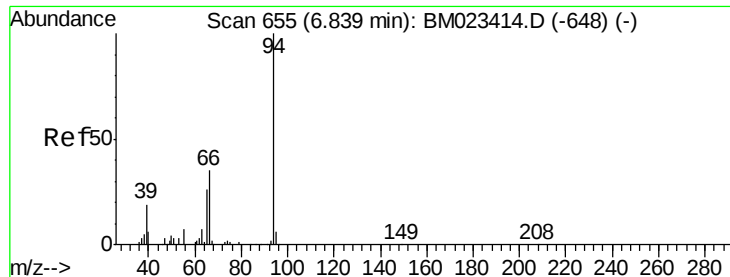
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.048 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM023417.D

Acq: 28 Oct 2019 13:48

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C0030

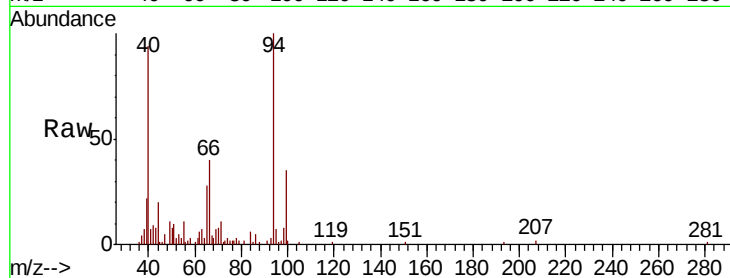
Tot Ion: 94 Resp: 67310

Ion Ratio Lower Upper

94 100

65 28.5 22.9 34.3

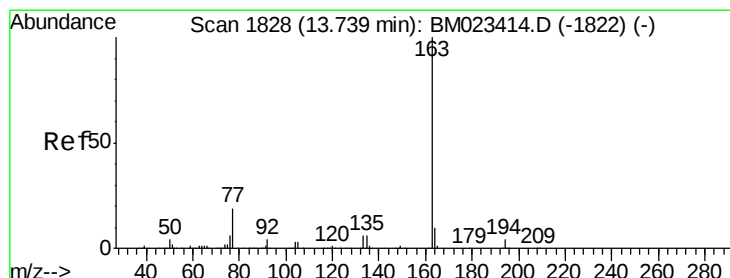
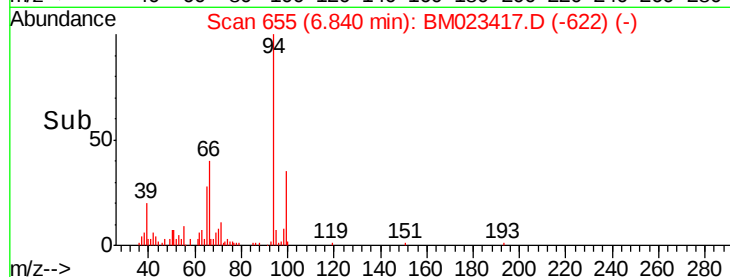
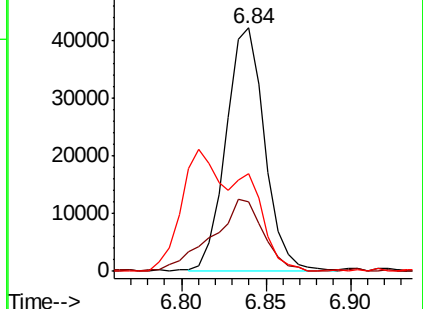
66 39.9 31.4 47.2



Abundance Ion 94.00 (93.70 to 94.70): BM023414.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM023414.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM023414.D (-648) (-)



#45

Dimethylphthalate

Concen: 8.794 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM023417.D

Acq: 28 Oct 2019 13:48

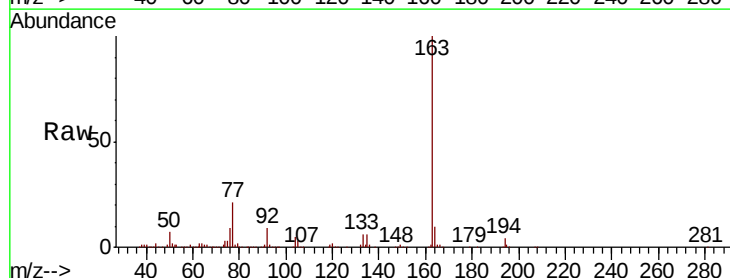
Tgt Ion:163 Resp: 592431

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

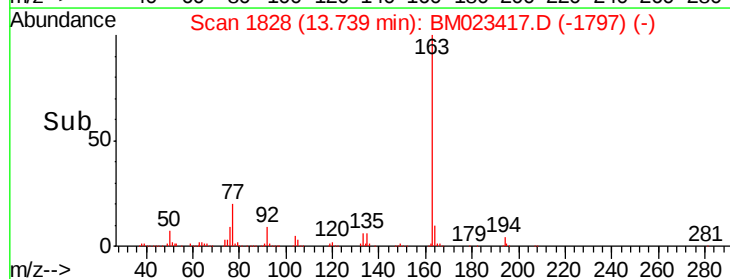
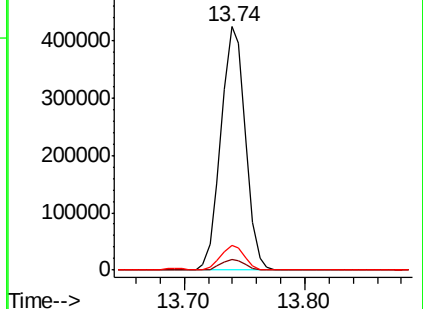
164 10.2 7.9 11.9

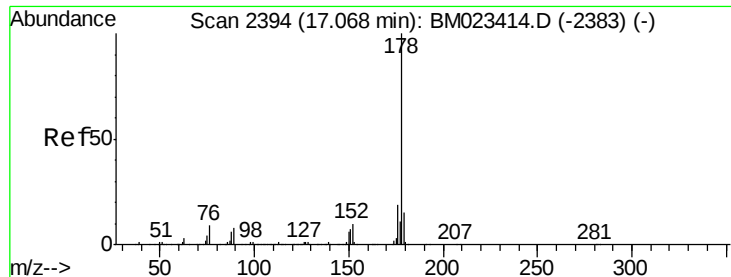


Abundance Ion 163.00 (162.70 to 163.70): BM023414.D (-1822) (-)

Ion 194.00 (193.70 to 194.70): BM023414.D (-1822) (-)

Ion 164.00 (163.70 to 164.70): BM023414.D (-1822) (-)

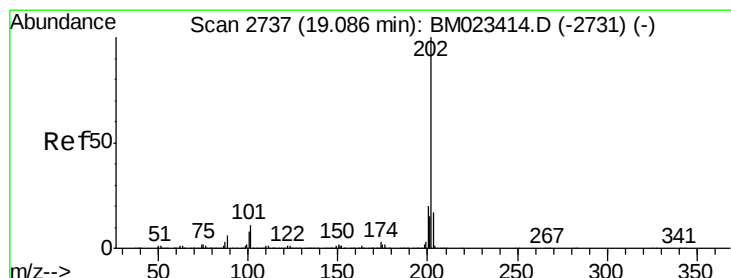
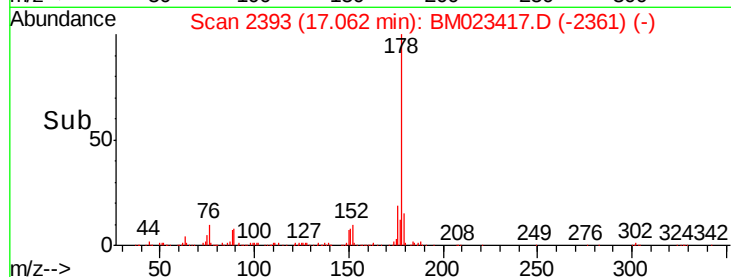
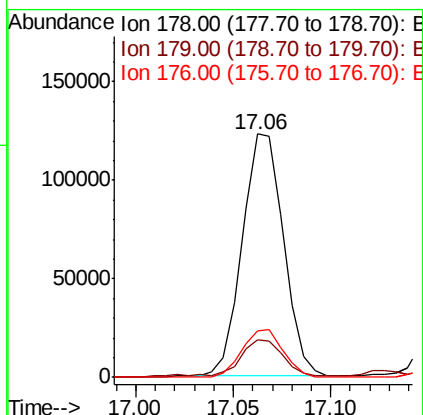
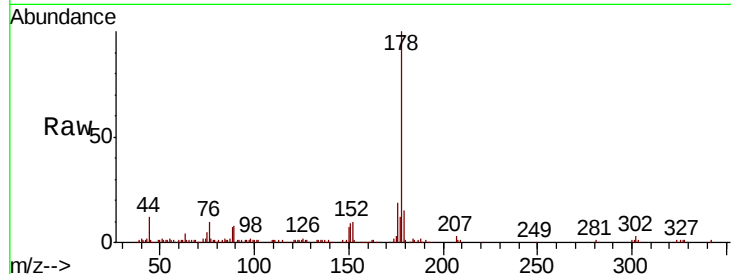




#70
Phenanthrene
Concen: 1.816 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023417.D
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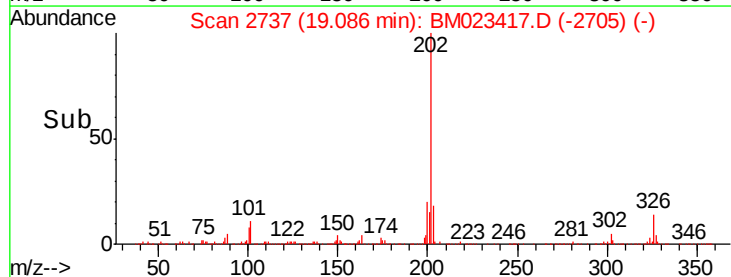
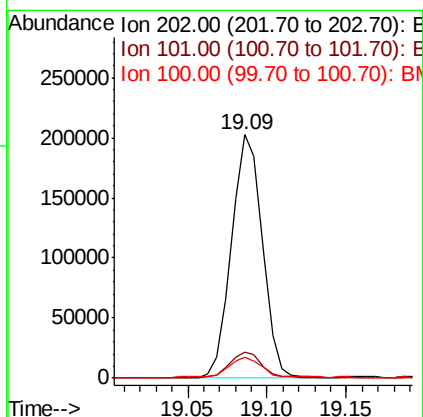
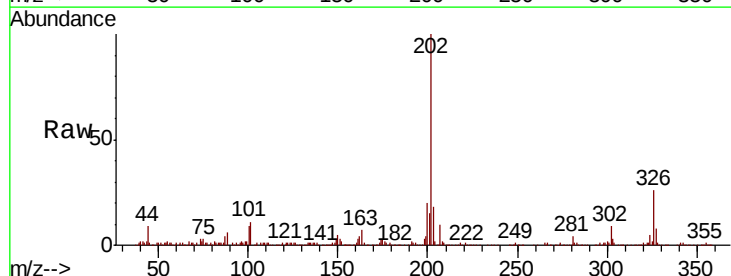
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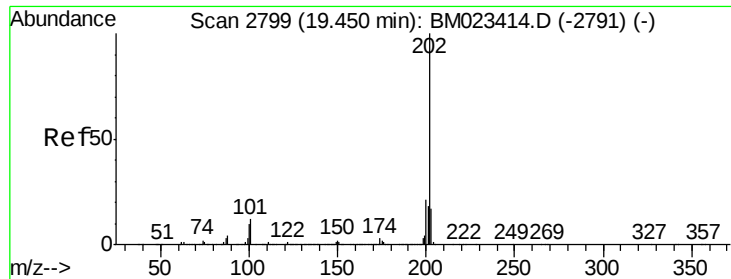
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.0	14.9	22.3



#77
Fluoranthene
Concen: 2.625 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM023417.D
Acq: 28 Oct 2019 13:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.1	12.1
100	8.8	6.2	9.2

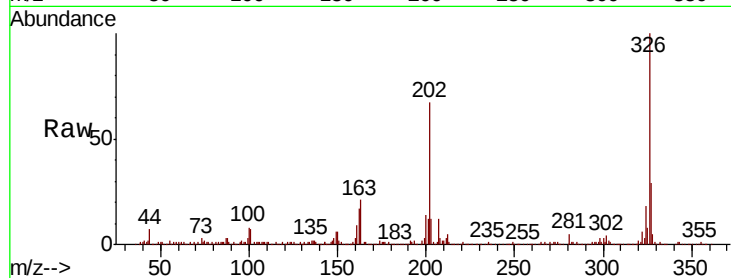




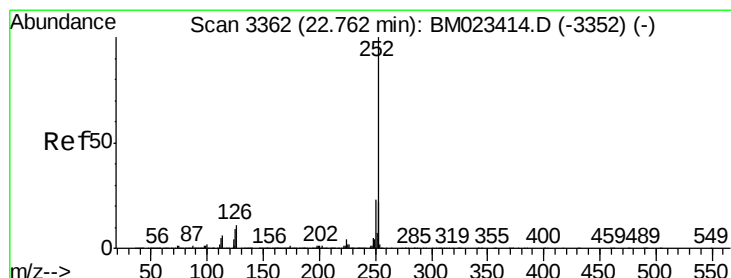
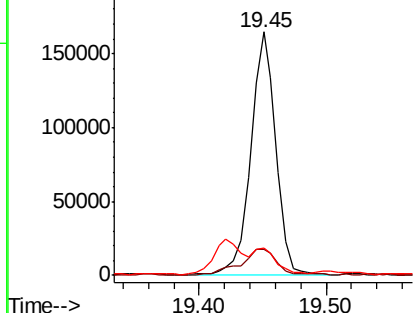
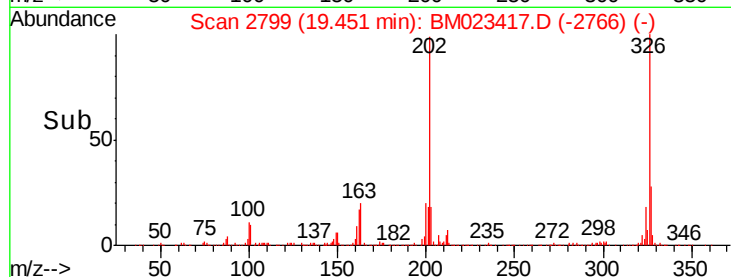
#80
Pvrene
Concen: 1.804 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM023417.D
Acq: 28 Oct 2019 13:48

Instrument :
BNA_M
ClientSampleId :
C0030

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.0	15.0
100	11.4	8.3	12.5

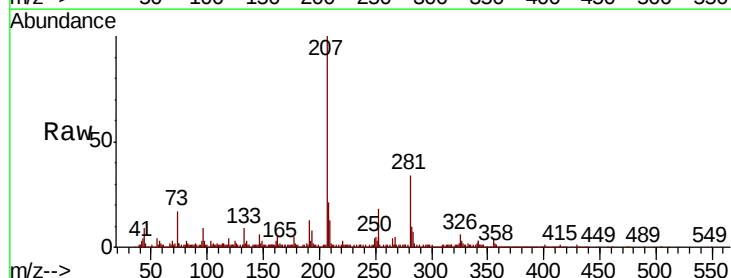


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#88
Benzo(b)fluoranthene
Concen: 1.028 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM023417.D
Acq: 28 Oct 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	15.4	7.1	10.7#



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

