

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020472.D
 Acq On : 21 May 2019 22:33
 Operator : JU/SJ
 Sample : K2923-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4263

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:21 AM

Quant Time: May 22 06:24:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	55798	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	195115	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	118472	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	296871	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	355133	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	415437	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	6930	4.58	ng/uL	0.00
5) Phenol-d5	6.89	99	86427	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	62279	22.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	72785	22.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	60468	18.65	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	32528	25.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	35137	25.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	66548	22.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	62417	20.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	214659	25.18	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	246999	23.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	13621m	11.01	ng/ul	0.00
57) Fluorene-d10	15.37	176	183631	24.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	21769	12.87	ng/ul	0.00
70) Anthracene-d10	17.23	188	297414	23.36	ng/ul	0.00
78) Pyrene-d10	19.53	212	382772	22.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	446706	23.66	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.83	163	68448	8.118 ng/ul	99
76) Fluoranthene	19.19	202	26923	1.507 ng/ul#	97
79) Pyrene	19.56	202	26273	1.233 ng/ul	98
87) Benzo(b)fluoranthene	22.90	252	25091	1.058 ng/ul#	91

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

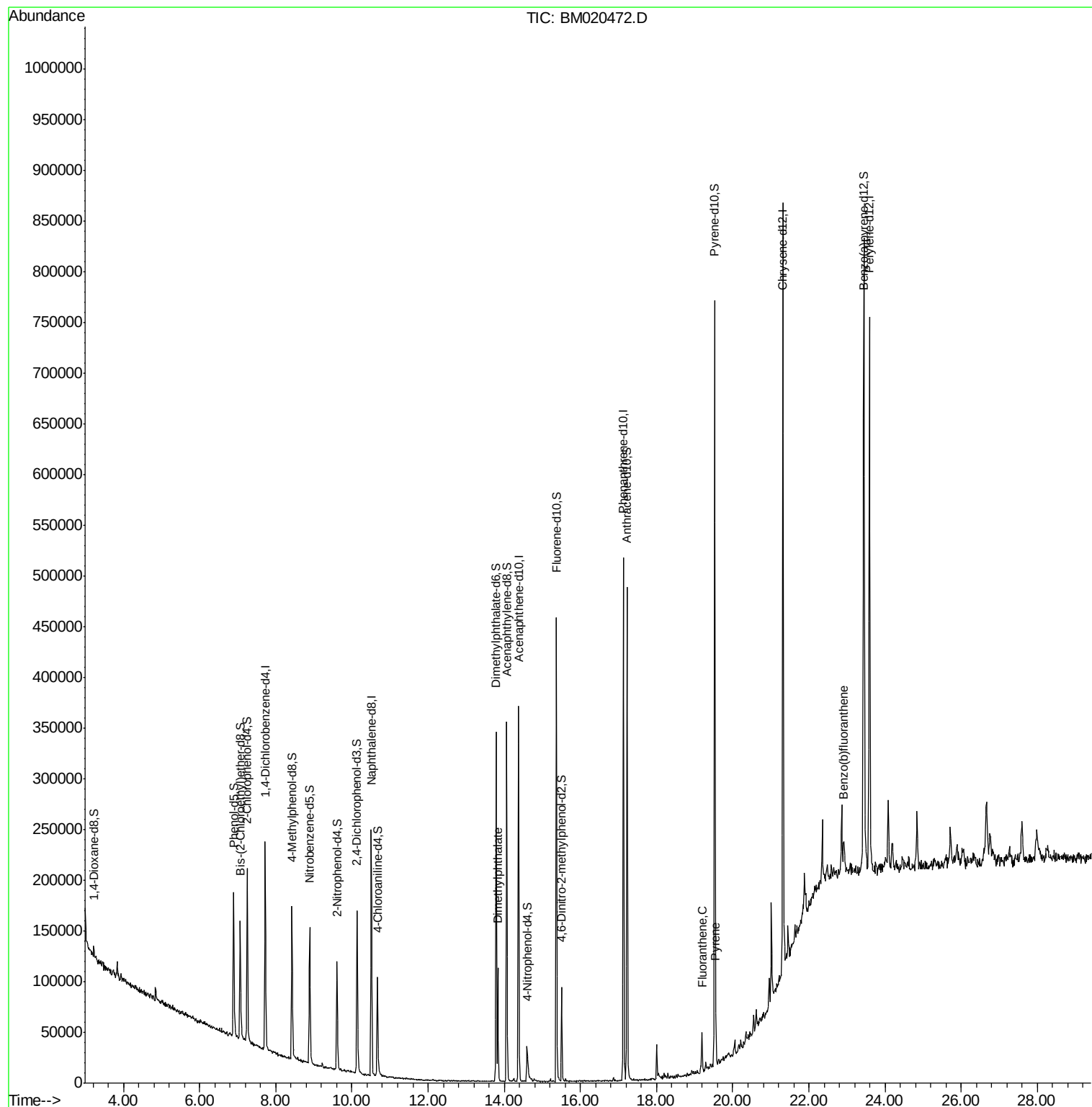
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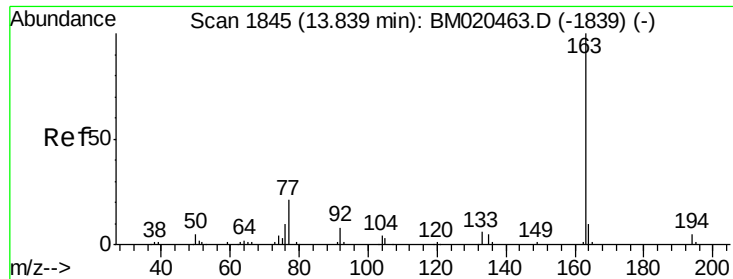
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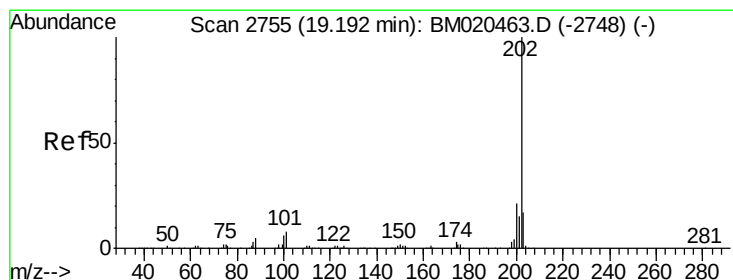
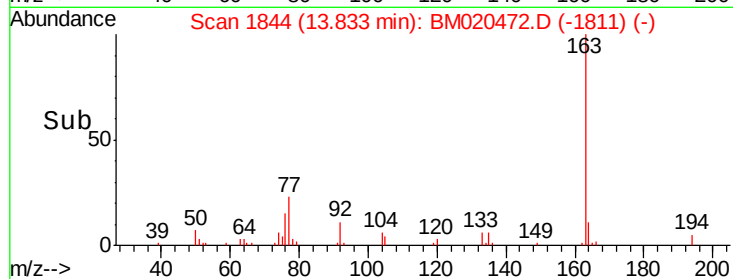
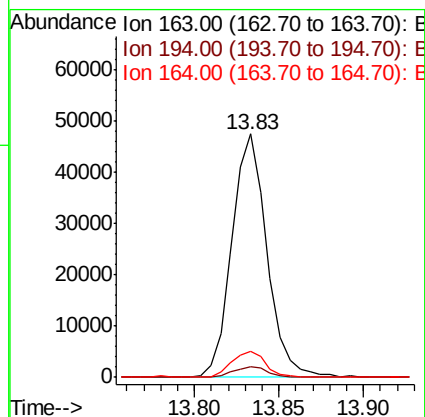
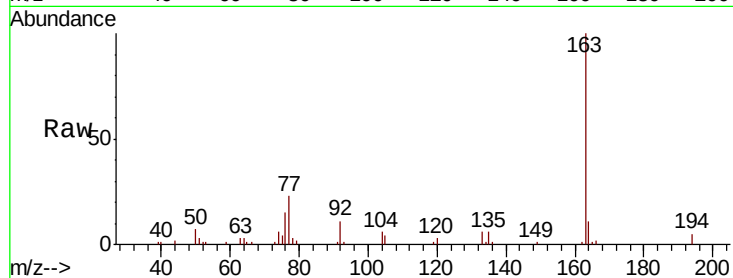
#44
Dimethylphthalate
Concen: 8.118 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM020472.D
Acq: 21 May 2019 22:33

Instrument :
BNA_M
ClientSampleId :
A4263

Tot Ion:	163	Resp:	68448
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.3	4.9
164	10.5	8.0	12.0

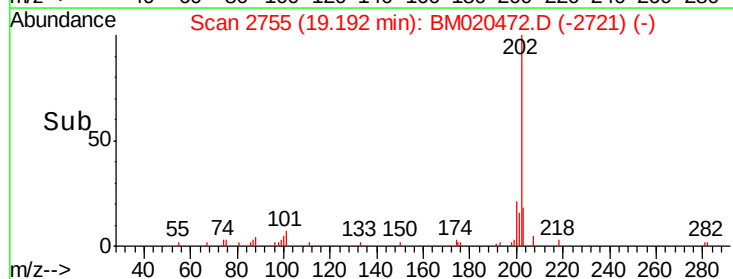
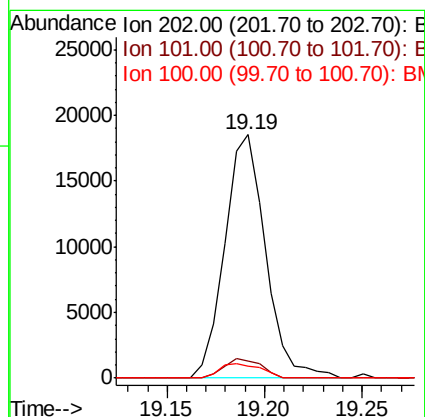
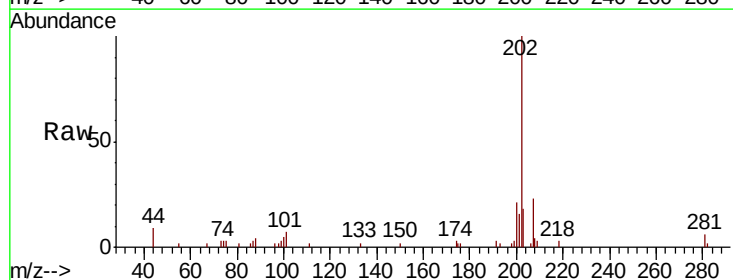
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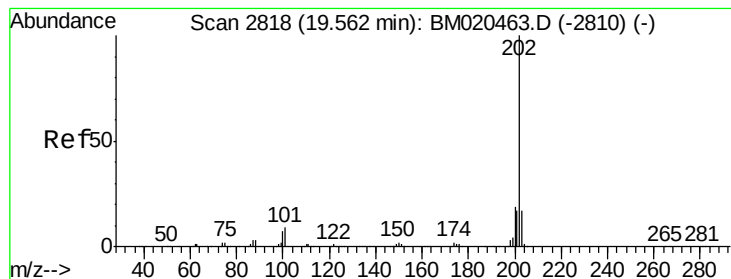
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#76
Fluoranthene
Concen: 1.507 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM020472.D
Acq: 21 May 2019 22:33

Tgt Ion:	202	Resp:	26923
Ion Ratio	Lower	Upper	
202	100		
101	7.2	6.4	9.6
100	5.1	5.2	7.8#





#79

Pvrene

Concen: 1.233 ng/ul

RT: 19.56 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM020472.D

Acq: 21 May 2019 22:33

Instrument :

BNA_M

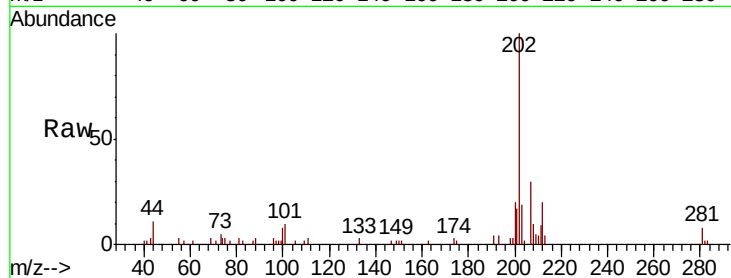
ClientSampleId :

A4263

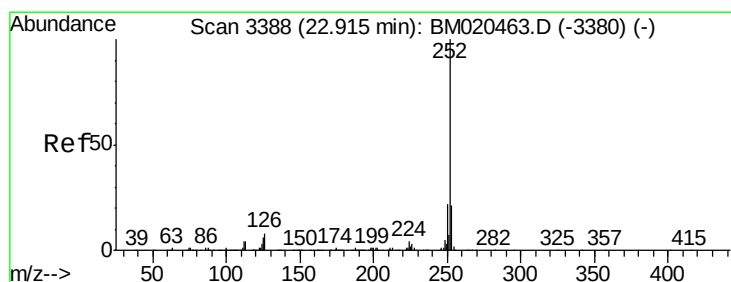
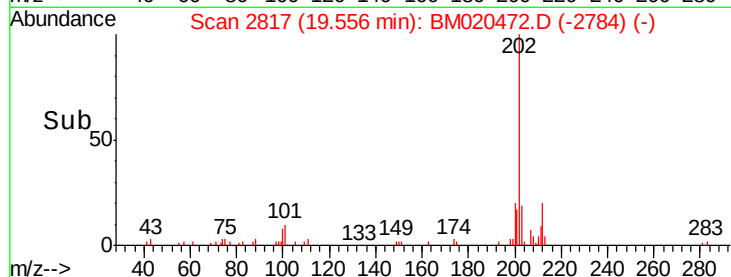
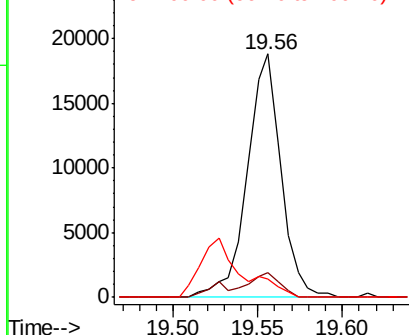
Tot Ion:	202	Resp:	26273
Ion Ratio	Lower	Upper	
202	100		
101	10.0	7.1	10.7
100	7.7	5.9	8.9

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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



#87

Benzo(b)fluoranthene

Concen: 1.058 ng/ul

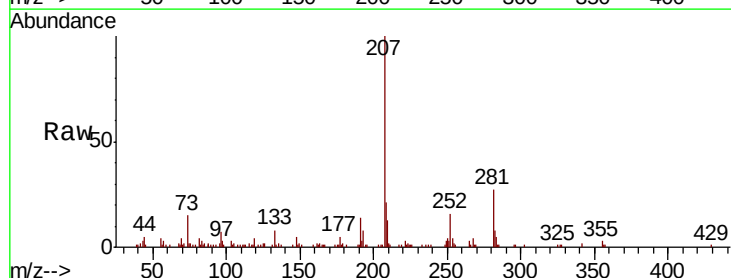
RT: 22.90 min Scan# 3386

Delta R.T. -0.01 min

Lab File: BM020472.D

Acq: 21 May 2019 22:33

Tgt Ion:	252	Resp:	25091
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	11.3	5.0	7.4#



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

