

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024882.D
 Acq On : 14 Feb 2020 08:44
 Operator : CG/JU
 Sample : L1422-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AW7

Manual Integrations
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Quant Time: Feb 14 13:48:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 14 07:45:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	407502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1464003	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	896159	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1872868	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1885184	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2005553	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	37936	4.48	ng/uL	0.00
5) Phenol-d5	6.59	99	624444	23.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	381893	24.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	534975	22.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	452654	19.82	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	254165	24.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	299672	23.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	528270	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	488654	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1517844	22.44	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1837376	23.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	199913	18.19	ng/ul	0.00
58) Fluorene-d10	15.04	176	1340376	22.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	229826	18.83	ng/ul	0.00
71) Anthracene-d10	16.89	188	1929860	22.57	ng/ul	0.00
79) Pyrene-d10	19.20	212	2268665	24.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2446160	24.29	ng/ul	0.00

Target Compounds

				Ovalue	
45) Dimethylphthalate	13.52	163	213838	3.030	ng/ul 99
70) Phenanthrene	16.84	178	303964	2.977	ng/ul 100
77) Fluoranthene	18.87	202	899438	7.175	ng/ul 98
80) Pyrene	19.23	202	849513	6.808	ng/ul# 94
83) Benzo(a)anthracene	21.00	228	509097	4.009	ng/ul 97
85) Chrysene	21.04	228	473337	3.786	ng/ul 98
88) Benzo(b)fluoranthene	22.50	252	598561	4.694	ng/ul# 96
89) Benzo(k)fluoranthene	22.53	252	198375m	1.616	ng/ul
91) Benzo(a)pyrene	23.02	252	449568	3.932	ng/ul# 99
92) Indeno(1,2,3-cd)pyrene	25.15	276	294757	2.071	ng/ul 99
94) Benzo(g,h,i)perylene	25.77	276	253557	2.142	ng/ul 97

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

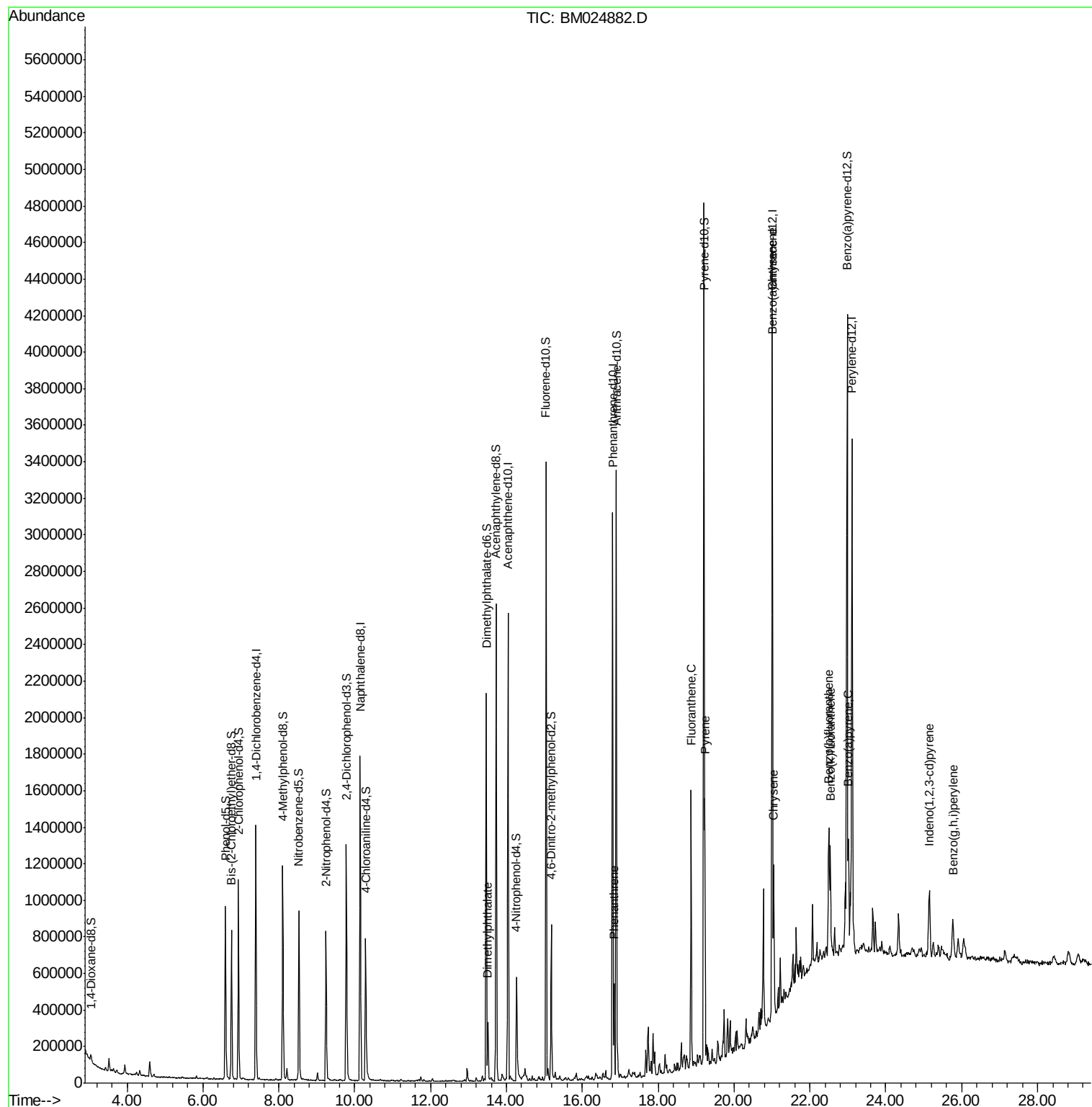
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024882.D
Acq On : 14 Feb 2020 08:44
Operator : CG/JU
Sample : L1422-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

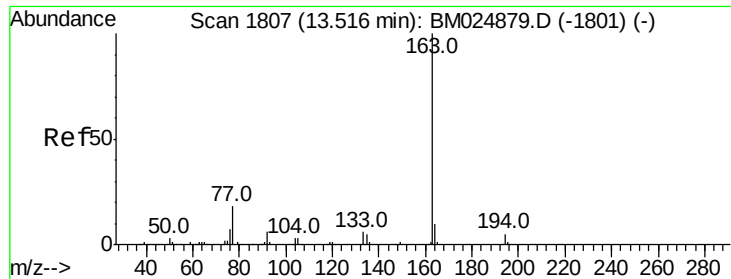
Instrument :
BNA_M
ClientSampleId :
C5AW7

Quant Time: Feb 14 13:48:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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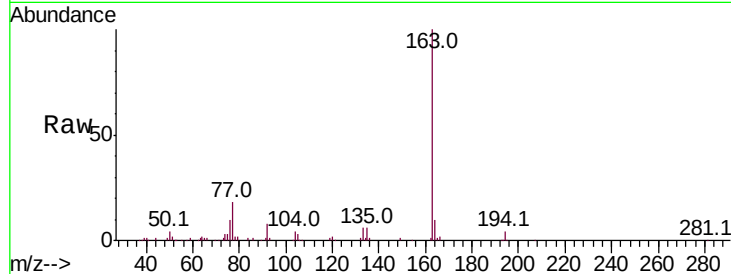
#45
Dimethylphthalate
Concen: 3.030 ng/ul
RT: 13.52 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Instrument :
BNA_M
ClientSampleId :
C5AW7

Tot Ion	Ratio	Resp	Lower	Upper
163	100	213838		
194	4.5		3.5	5.3
164	9.7		8.2	12.2

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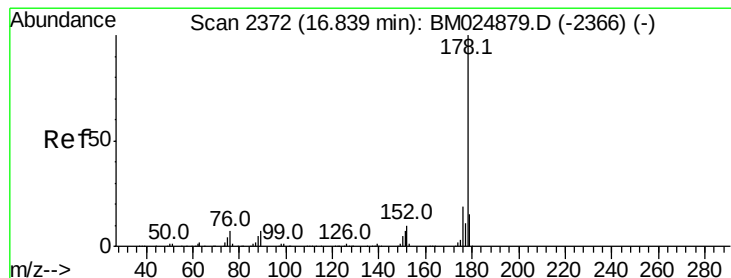
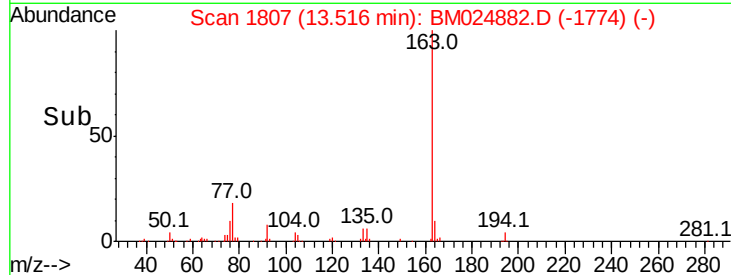
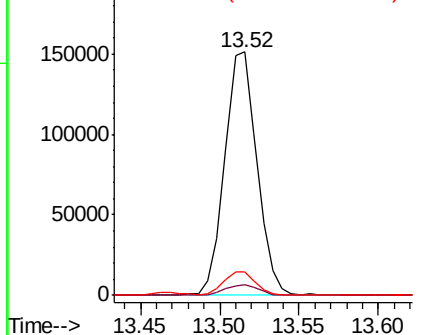


Abundance

Ion 163.00 (162.70 to 163.70): E

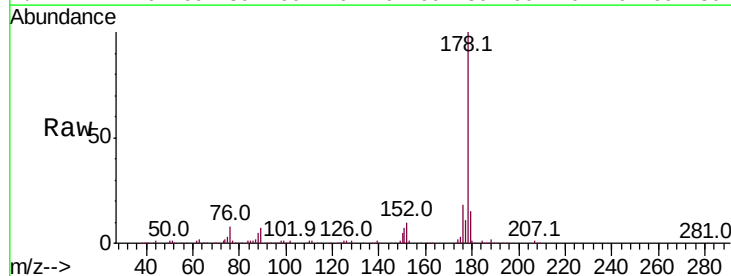
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 2.977 ng/ul
RT: 16.84 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	303964		
179	15.2		12.2	18.2
176	17.8		14.5	21.7

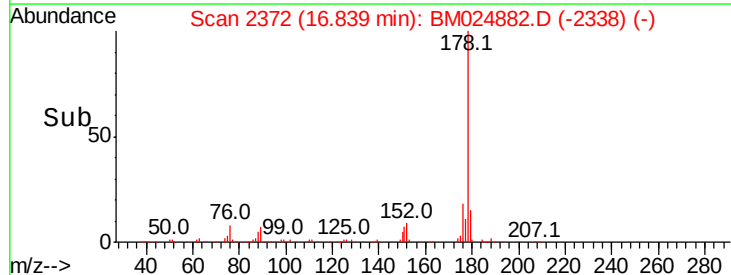
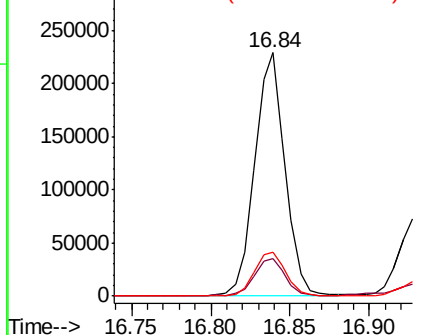


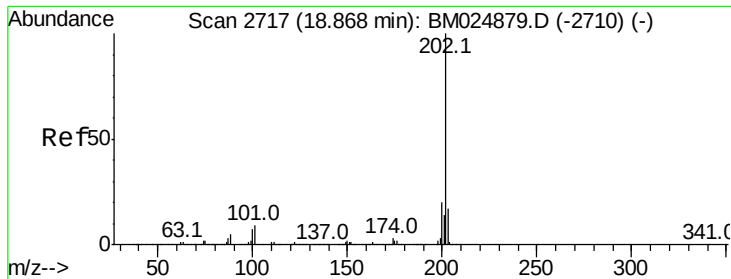
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 7.175 ng/ul

RT: 18.87 min Scan# 2717

Delta R.T. 0.00 min

Lab File: BM024882.D

Acq: 14 Feb 2020 08:44

Instrument :

BNA_M

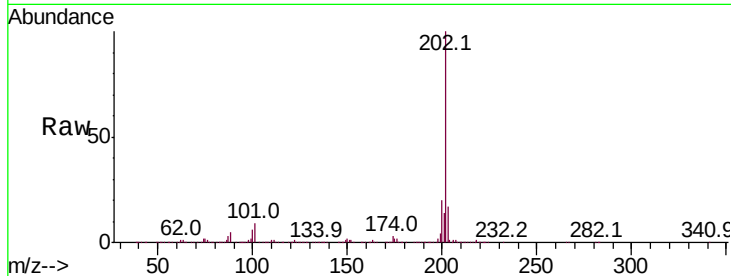
ClientSampleId :

C5AW7

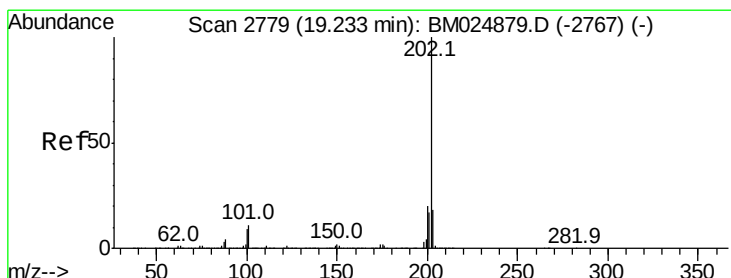
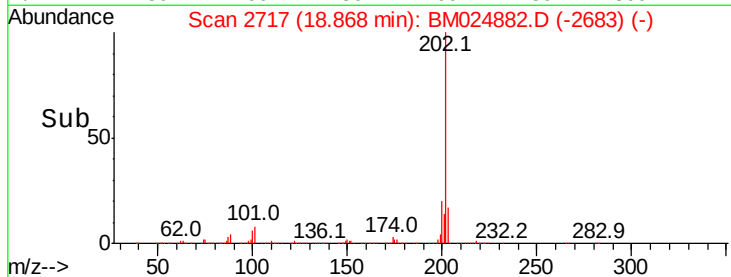
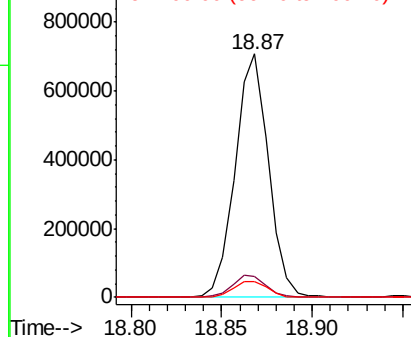
Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.7	6.1	9.1
100	6.4	4.8	7.2

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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: 6.808 ng/ul

RT: 19.23 min Scan# 2778

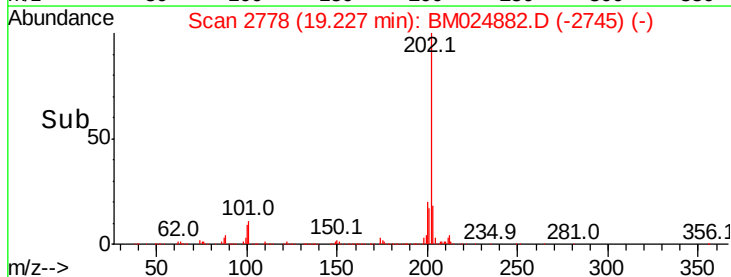
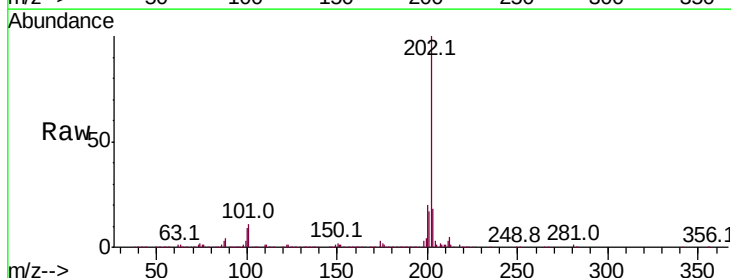
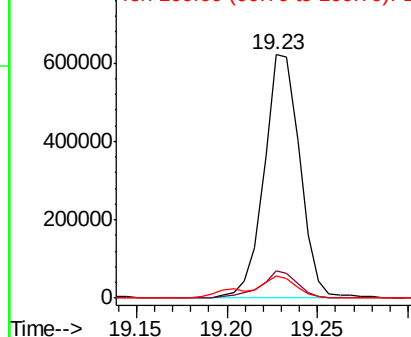
Delta R.T. -0.01 min

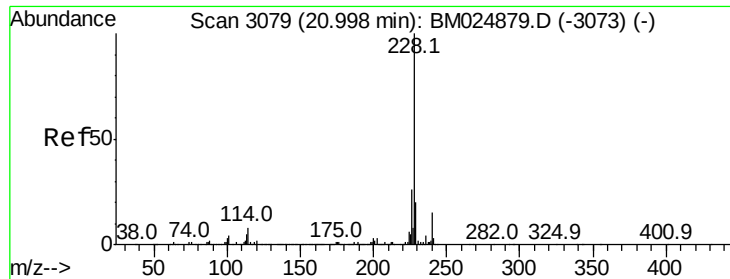
Lab File: BM024882.D

Acq: 14 Feb 2020 08:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	7.0	10.4#
100	9.2	5.8	8.8#

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





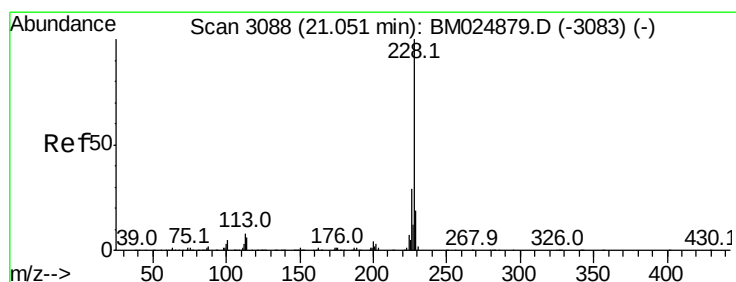
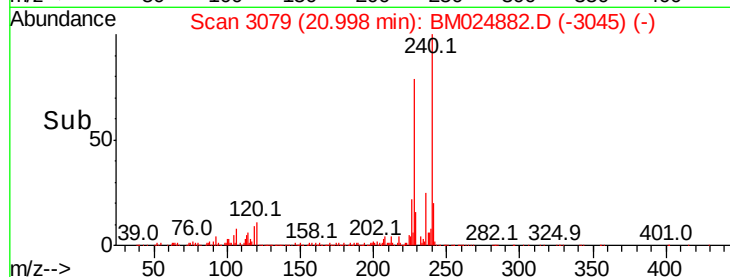
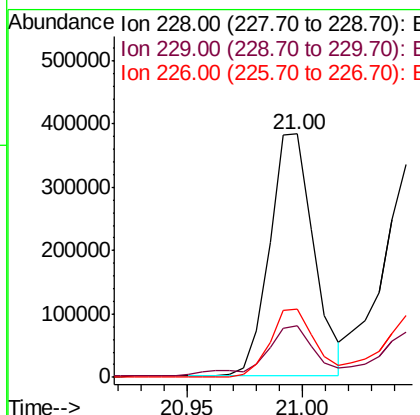
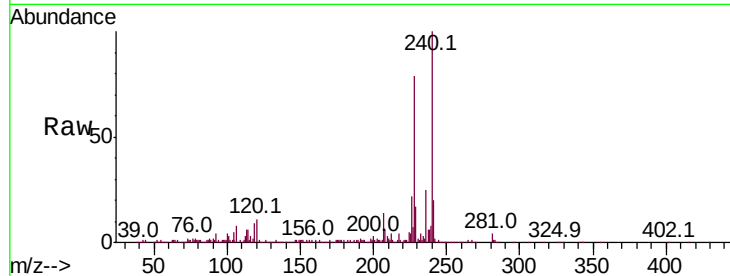
#83
Benzo(a)anthracene
Concen: 4.009 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Instrument :
BNA_M
ClientSampled :
C5AW7

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	27.9	20.8	31.2

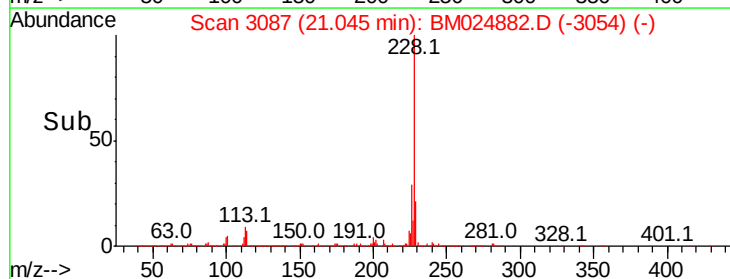
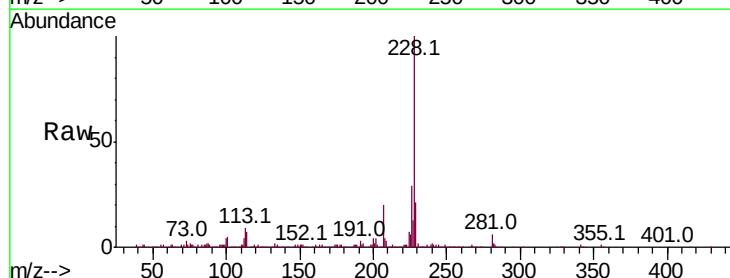
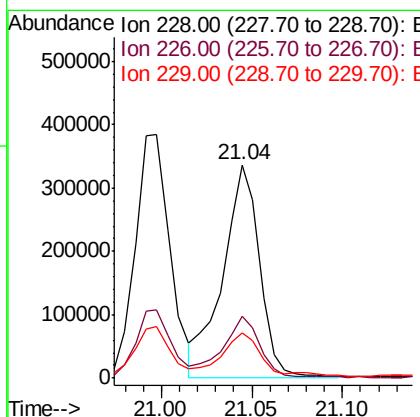
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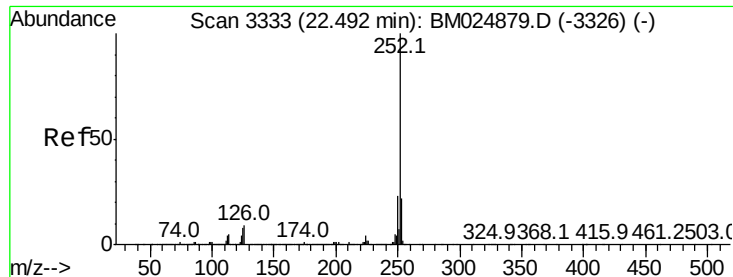
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#85
Chrysene
Concen: 3.786 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	21.2	15.8	23.8





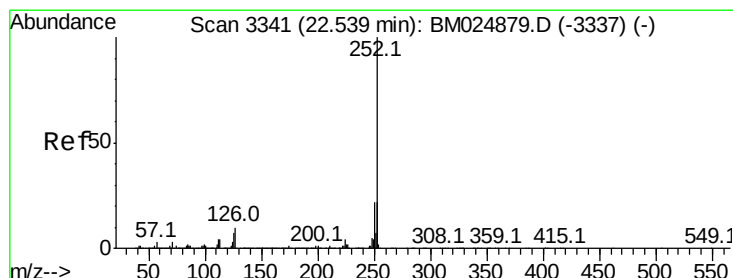
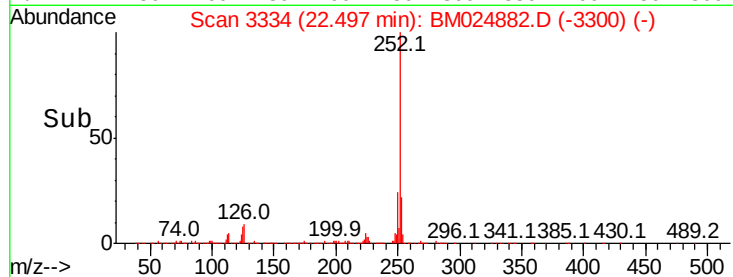
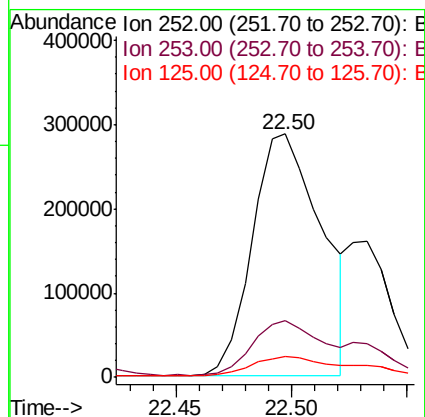
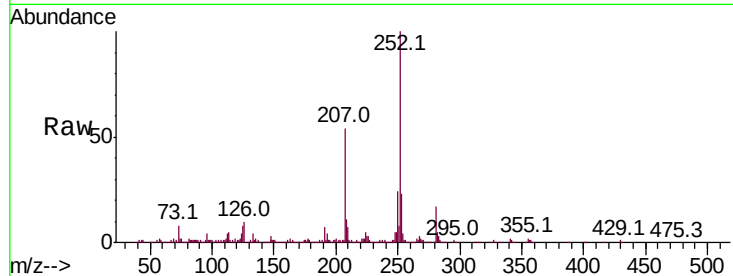
#88
Benzo(b)fluoranthene
Concen: 4.694 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Instrument :
BNA_M
ClientSampleId :
C5AW7

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	17.3	25.9
125	8.4	5.1	7.7#

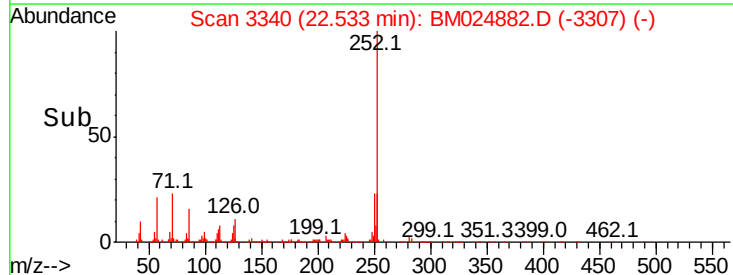
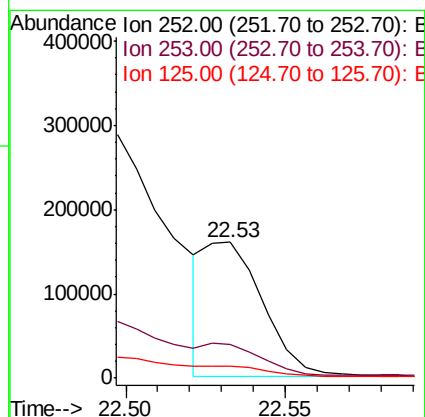
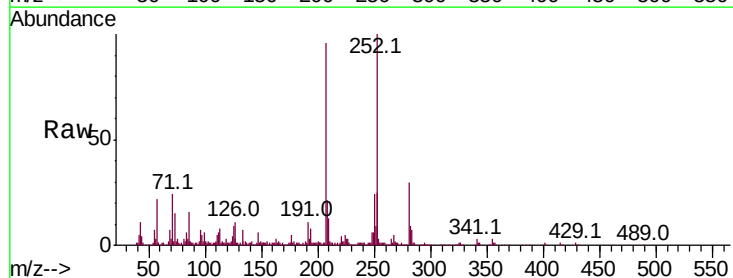
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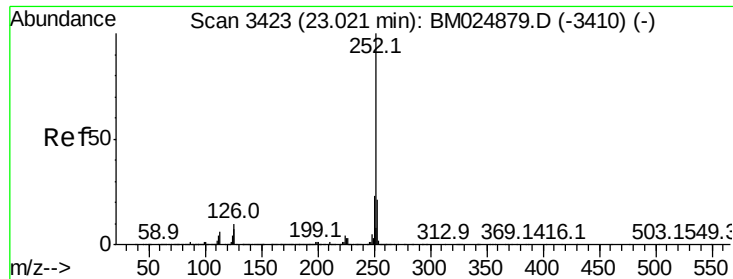
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#89
Benzo(k)fluoranthene
Concen: 1.616 ng/ul m
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.8	17.4	26.0
125	9.3	5.1	7.7#





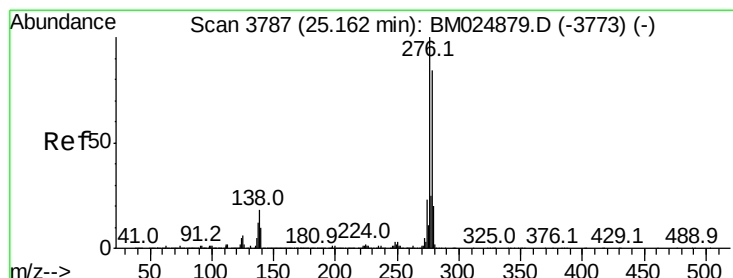
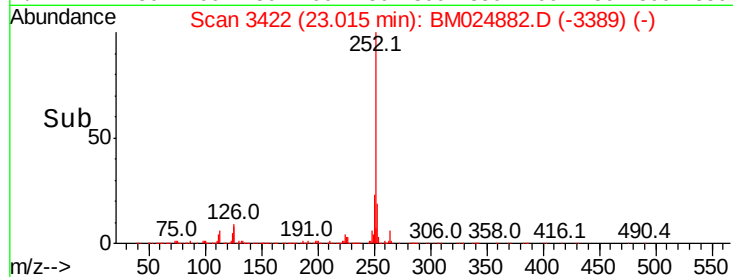
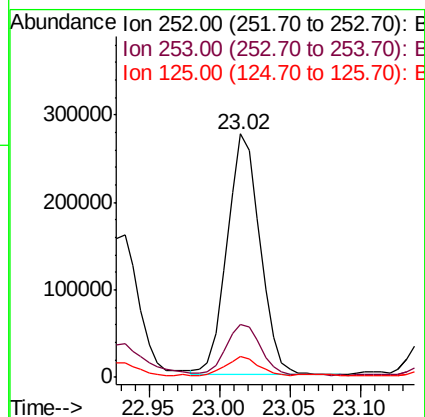
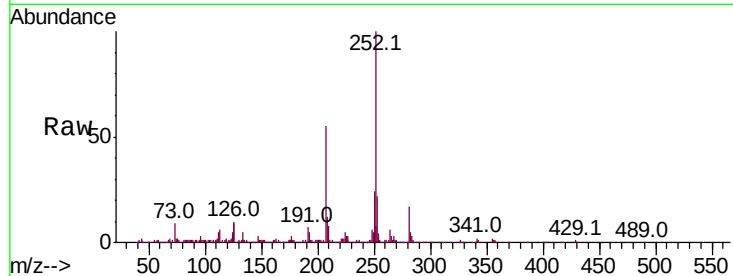
#91
Benzo(a)pyrene
Concen: 3.932 ng/ul
RT: 23.02 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Instrument :
BNA_M
ClientSampleId :
C5AW7

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.7	5.6	8.4

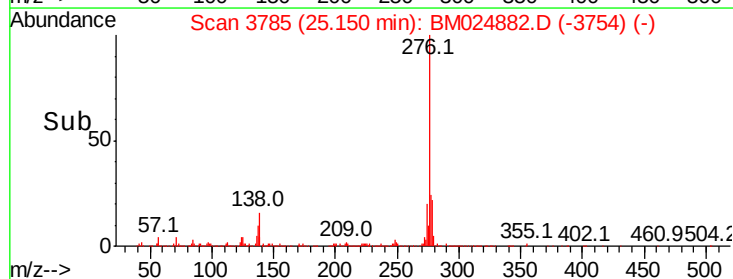
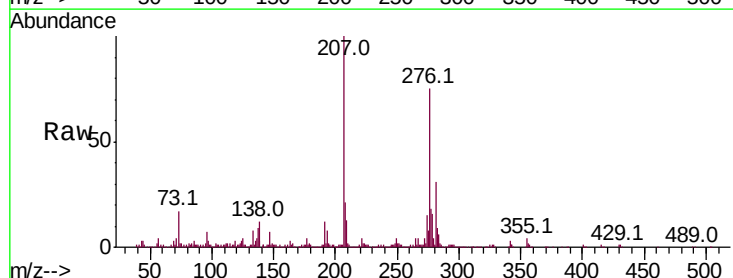
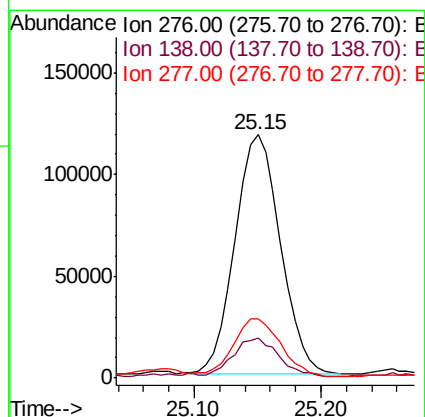
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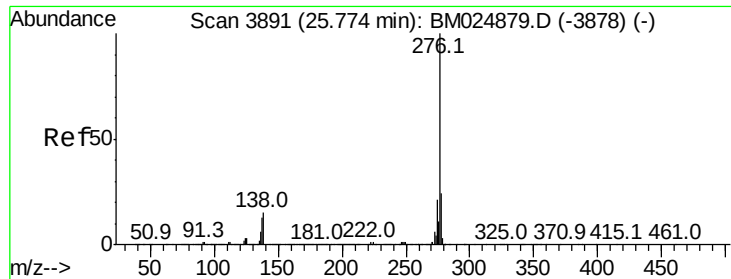
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.071 ng/ul
RT: 25.15 min Scan# 3785
Delta R.T. -0.02 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.8	19.2
277	24.5	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 2.142 ng/ul

RT: 25.77 min Scan# 3890

Delta R.T. -0.02 min

Lab File: BM024882.D

Acq: 14 Feb 2020 08:44

Instrument :

BNA_M

ClientSampleId :

C5AW7

Tot Ion:	276	Resp:	253557
Ion Ratio	Lower	Upper	
276	100		
138	17.2	11.8	17.6
277	24.3	19.0	28.6

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