

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024897.D
 Acq On : 14 Feb 2020 17:45
 Operator : CG/JU
 Sample : L1422-18
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AX7

Quant Time: Feb 15 04:05:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 03:52:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	498714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1846131	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	1117997	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	2314434	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	2374208	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2564391	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	31464	3.03	ng/uL	0.00
5) Phenol-d5	6.59	99	527925	15.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	337964	18.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	461718	15.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	289119	10.34	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	219399	16.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	253063	16.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	434903	13.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	412669	13.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1315038	15.58	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1579793	16.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	164402	11.99	ng/ul	0.00
58) Fluorene-d10	15.05	176	1148036	15.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	185749	12.31	ng/ul	0.00
71) Anthracene-d10	16.89	188	1618800	15.32	ng/ul	0.00
79) Pyrene-d10	19.20	212	1949484	16.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	2163456	16.80	ng/ul	0.00

Target Compounds

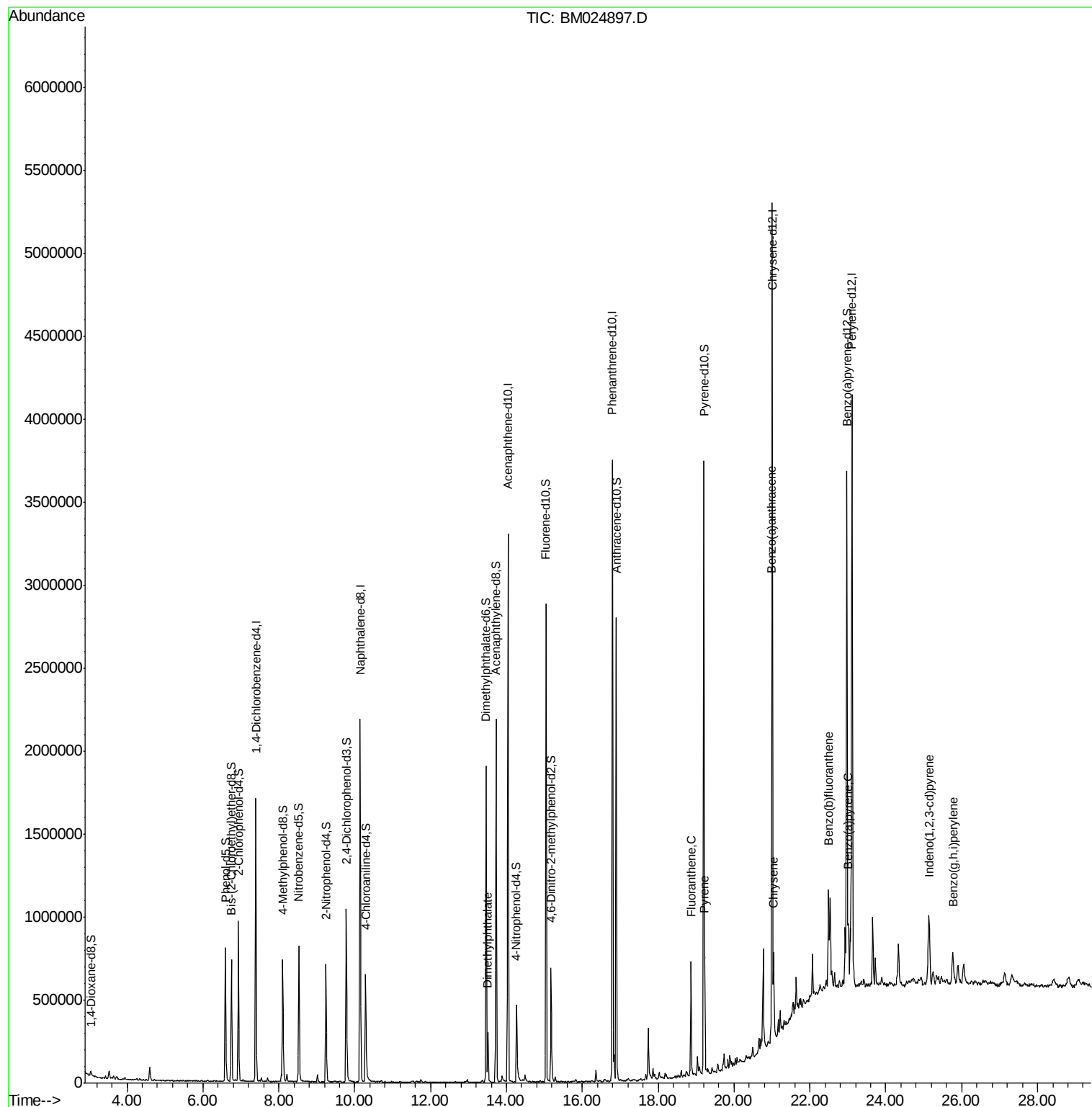
					Ovalue
45) Dimethylphthalate	13.52	163	197105	2.239 ng/ul	98
77) Fluoranthene	18.86	202	422487	2.727 ng/ul#	96
80) Pyrene	19.23	202	395768	2.518 ng/ul	97
83) Benzo(a)anthracene	20.99	228	262448	1.641 ng/ul	100
85) Chrysene	21.04	228	290819	1.847 ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	508805	3.120 ng/ul	98
91) Benzo(a)pyrene	23.02	252	303874	2.079 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.15	276	253095	1.391 ng/ul	99
94) Benzo(a,h,i)perylene	25.76	276	226456	1.496 ng/ul	98

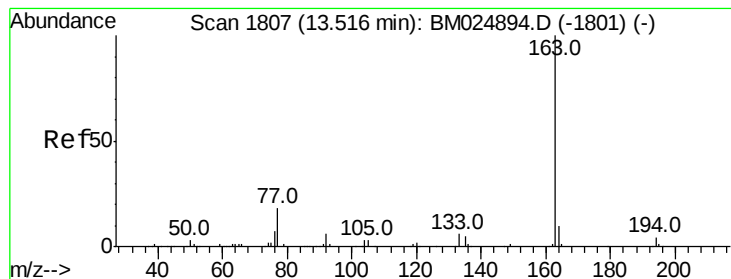
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.239 ng/ul

RT: 13.52 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BM024897.D

Acq: 14 Feb 2020 17:45

Instrument :

BNA_M

ClientSampleId :

C5AX7

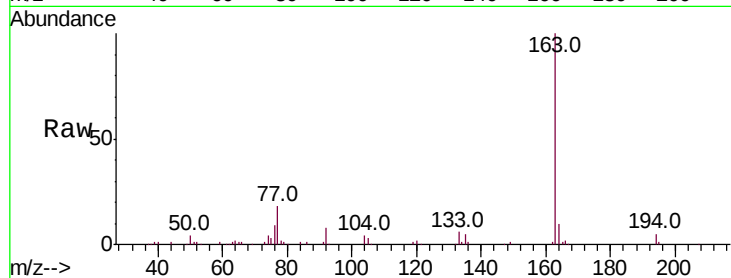
Tot Ion:163 Resp: 197105

Ion Ratio Lower Upper

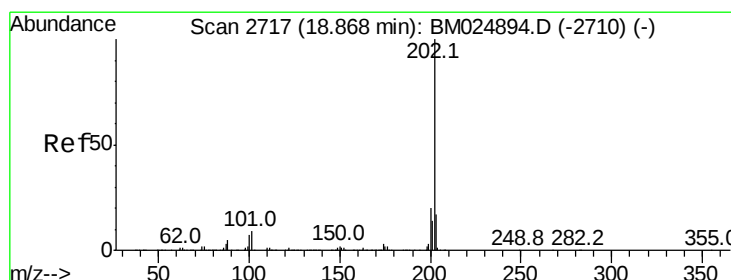
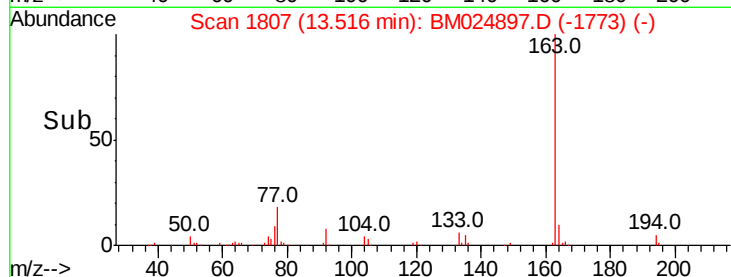
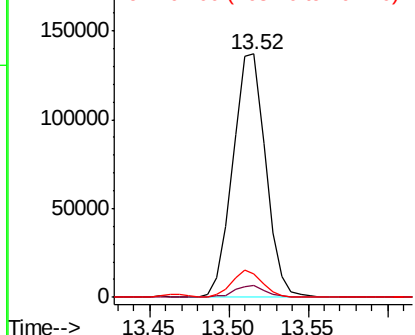
163 100

194 4.7 3.5 5.3

164 9.5 8.2 12.2



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



#77

Fluoranthene

Concen: 2.727 ng/ul

RT: 18.86 min Scan# 2716

Delta R.T. -0.01 min

Lab File: BM024897.D

Acq: 14 Feb 2020 17:45

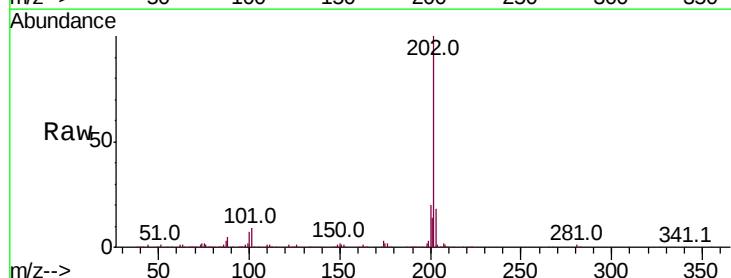
Tgt Ion:202 Resp: 422487

Ion Ratio Lower Upper

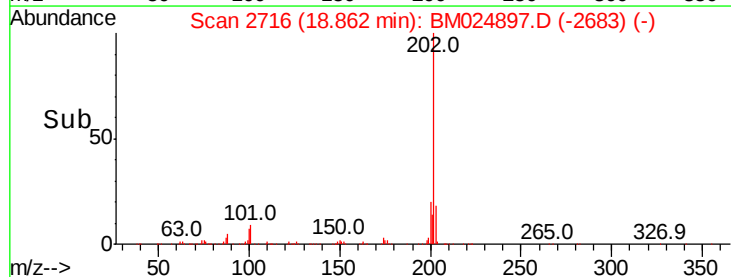
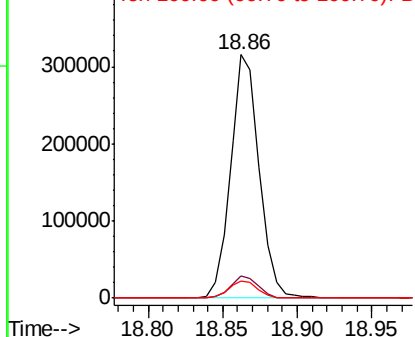
202 100

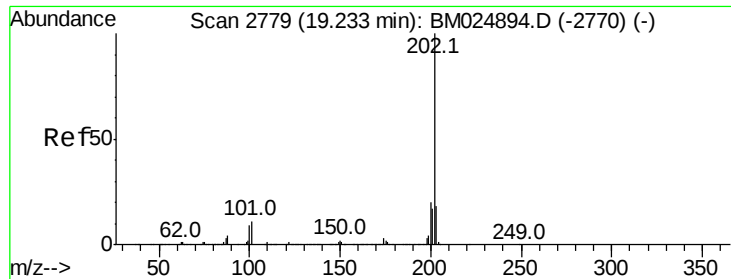
101 9.1 6.1 9.1#

100 7.0 4.8 7.2



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): E

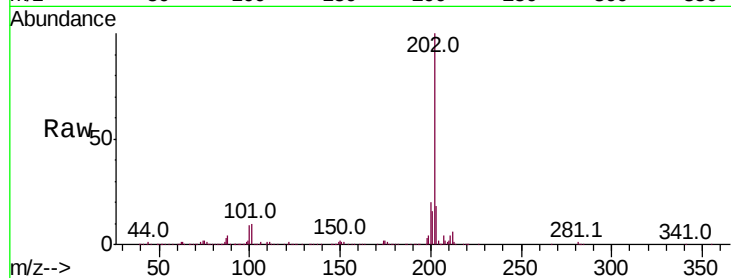




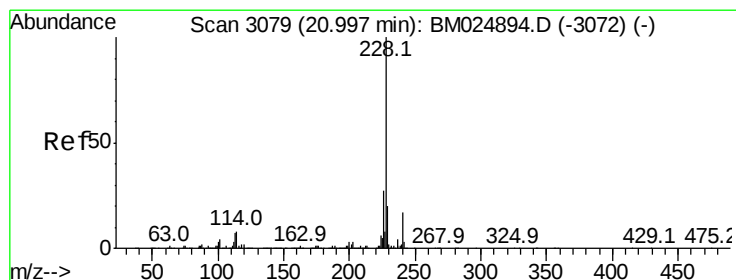
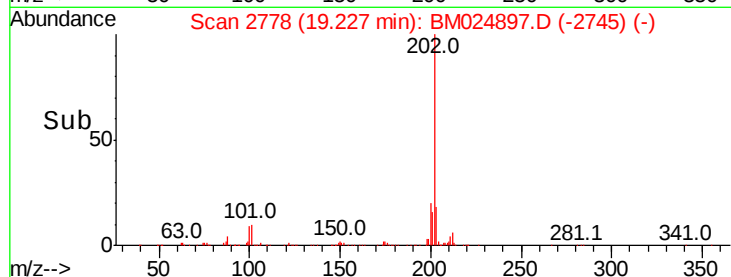
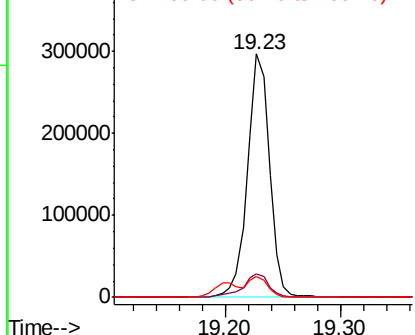
#80
Pvrene
Concen: 2.518 ng/ul
RT: 19.23 min Scan# 2778
Delta R.T. -0.01 min
Lab File: BM024897.D
Acq: 14 Feb 2020 17:45

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.0	10.4
100	8.6	5.8	8.8

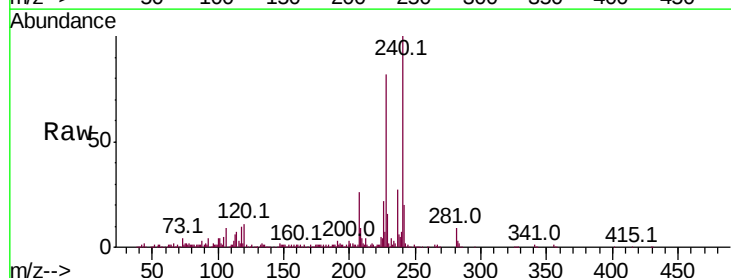


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

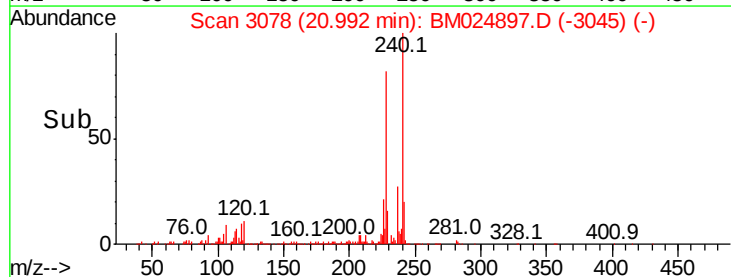
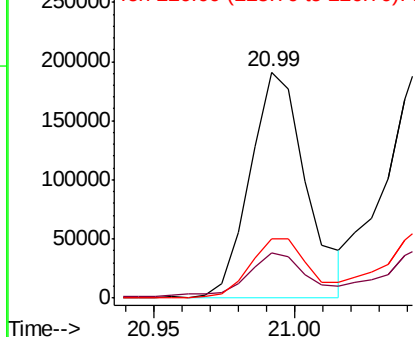


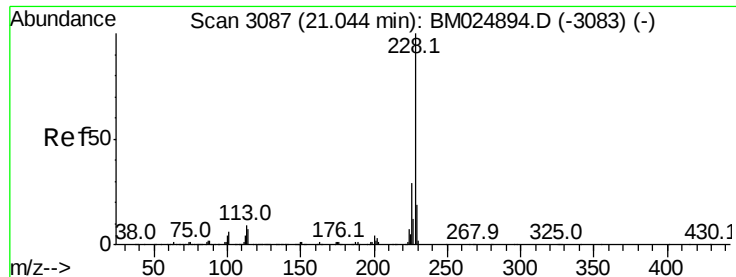
#83
Benzo(a)anthracene
Concen: 1.641 ng/ul
RT: 20.99 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BM024897.D
Acq: 14 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	26.3	20.8	31.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.847 ng/ul

RT: 21.04 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM024897.D

Acq: 14 Feb 2020 17:45

Instrument :

BNA_M

ClientSampleId :

C5AX7

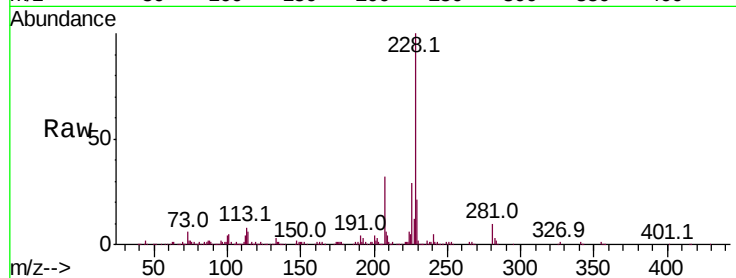
Tot Ion:228 Resp: 290819

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.4

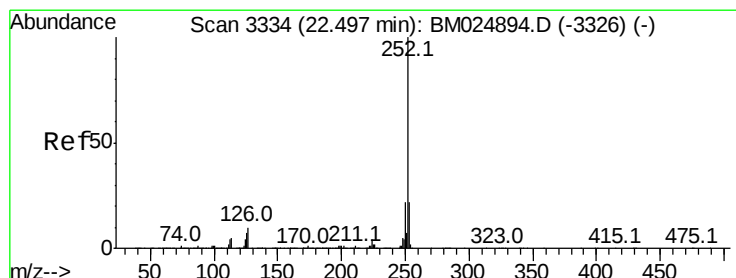
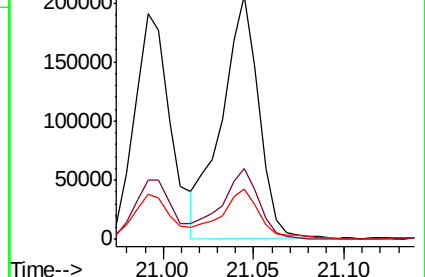
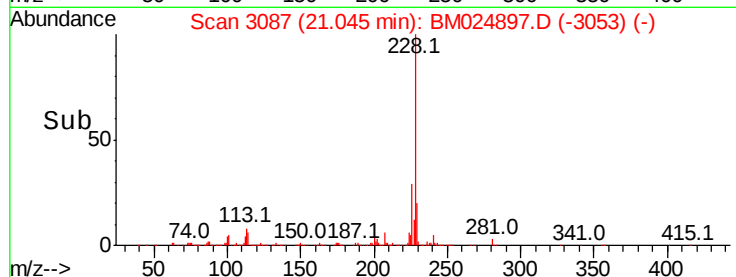
229 20.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 3.120 ng/ul

RT: 22.49 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BM024897.D

Acq: 14 Feb 2020 17:45

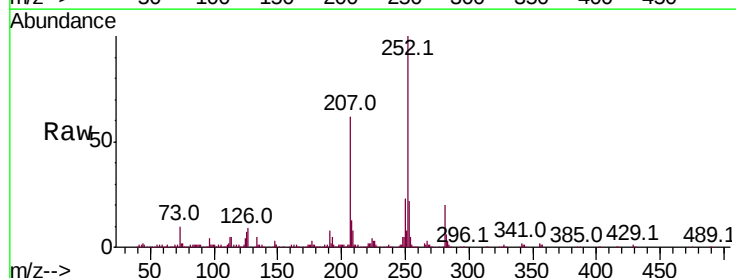
Tgt Ion:252 Resp: 508805

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

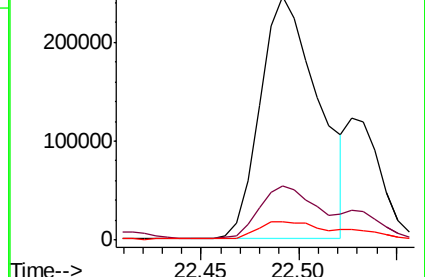
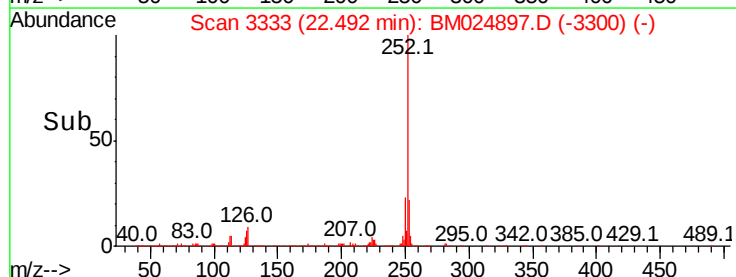
125 7.4 5.1 7.7

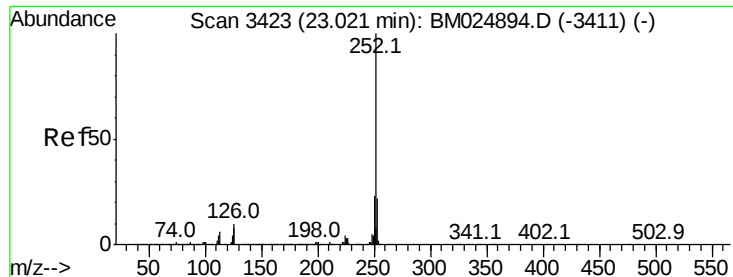


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.079 ng/ul

RT: 23.02 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM024897.D

Acq: 14 Feb 2020 17:45

Instrument :

BNA_M

ClientSampleId :

C5AX7

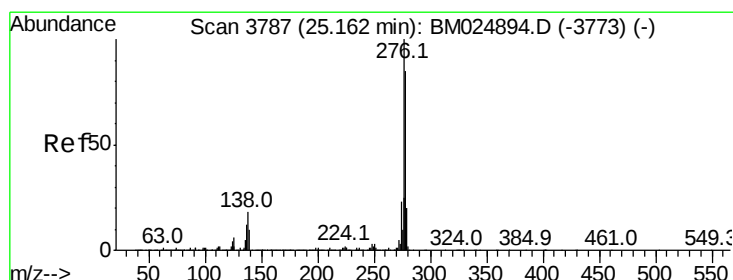
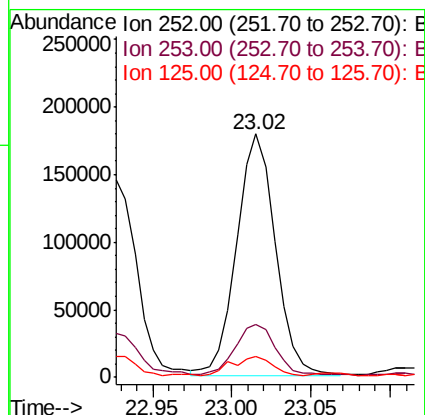
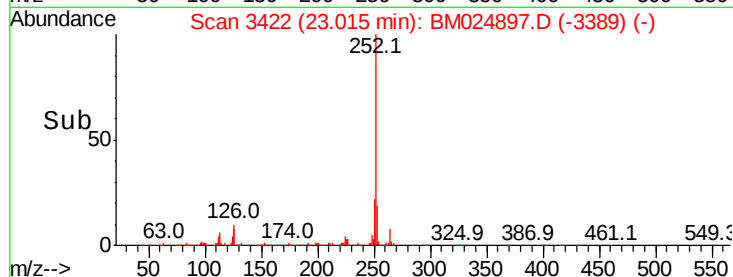
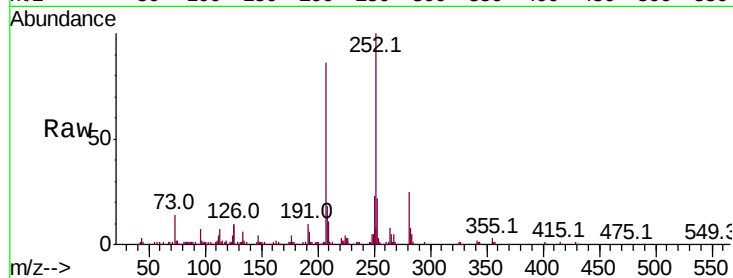
Tot Ion:252 Resp: 303874

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.7 5.6 8.4#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.391 ng/ul

RT: 25.15 min Scan# 3785

Delta R.T. -0.01 min

Lab File: BM024897.D

Acq: 14 Feb 2020 17:45

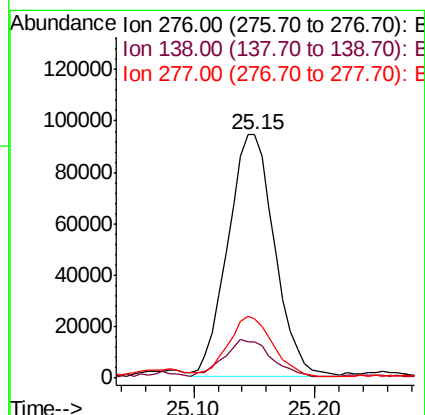
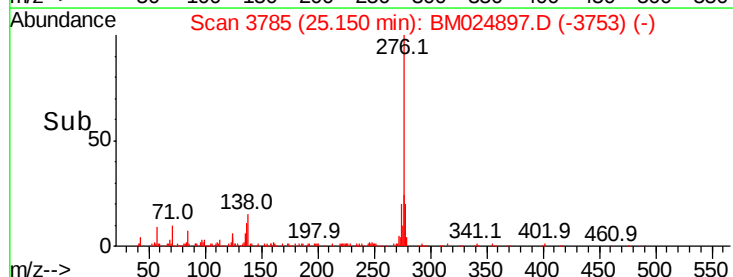
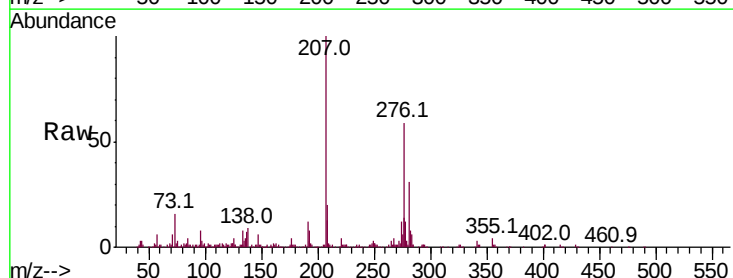
Tgt Ion:276 Resp: 253095

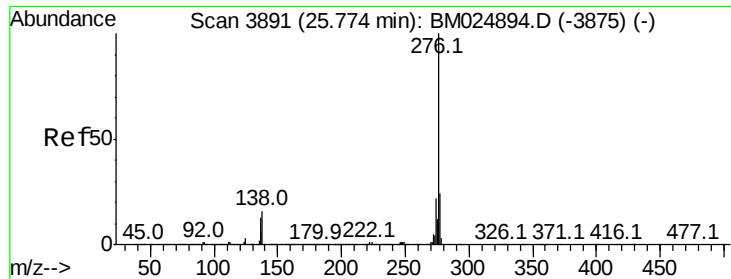
Ion Ratio Lower Upper

276 100

138 15.1 12.8 19.2

277 24.2 19.3 28.9





#94

Benzo(a,h,i)perylene

Concen: 1.496 ng/ul

RT: 25.76 min Scan# 3889

Delta R.T. -0.01 min

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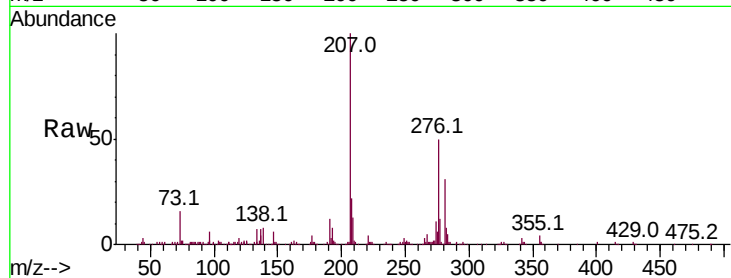
Tot Ion:276 Resp: 226456

Ion Ratio Lower Upper

276 100

138 15.8 11.8 17.6

277 23.1 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

